



Forensic Biology Test No. 23-5703

Summary Report

Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 396 participants and are compiled into the following tables:

Report Contents:	Page:
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>4</u>
<u>Key to Screening Results</u>	<u>5</u>
<u>Table 1: Serology Screening Results</u>	<u>6</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>31</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>241</u>
<u>Table 4: Additional DNA Results</u>	<u>277</u>
<u>Table 5: DNA Interpretations</u>	<u>278</u>
<u>Table 6: Additional Comments</u>	<u>285</u>
<u>Appendix: Data Sheet</u>	

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1 - 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (75 μL) was created using blood from a female donor. Item 2 (75 μL) and Item 4 (50 μL) were created using blood from the same male donor. Item 3 (50 μL) 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 April 17, 2023 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	11,18.3	17,22	10,12	15,18	10,13	*
	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NM	NM	NM	NM	
2	16,16.3	18,24	10,11	14,15	12,14	*
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18	2	
3	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	*
	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18	2	
4	16,16.3	18,24	10,11	14,15	12,14	*
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18	2	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	13	17	18	22	20	9	11
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	13	17	18	22	20	9	11
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	13	17	18	22	20	9	11

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

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

Summary Comments

The Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 & 2) and two "questioned" stains (Items 3 & 4). Item 1 was created using blood from a female donor. Items 2 and 4 were created using blood from the same male donor. Item 3 was created using a mixture of blood from the female donor used in Item 1 and blood from the male donor used in Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 396 participants.

Screening Test Results:

Screening results for body fluids (blood, semen, saliva) were returned by a total of 374 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 "Positive." For the presence of saliva, all responding participants reported "Negative." For Human Origin screening, all responding participants reported "Positive." For Y-Screening, all participants reported "Positive."

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 participants reported "Negative." For Human Origin screening, all responding participants reported "Positive." For Y-Screening, all participants reported "Positive."

DNA Analysis:

For STR results, the majority of participants reported consistent results. Eighteen participants reported inconsistent results for one or more items. A trend was noted for Items 1 and 3 in which sixteen participants identified an additional "12" allele at locus D7S820 in their allelic results and/or additional comments. A majority of these participants used the GlobalFiler™ amplification kit.

For YSTR results, all participants reported consistent results for Items 2, 3, and 4.

DNA Interpretations:

Of the 370 participants that returned DNA results, 356 reported DNA interpretations. Ten participants did not report interpretations and stated that the samples were analyzed for database purposes only, five selected the "No Interpretation" option for each conclusion, and one did not respond.

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

For Item 4, all participants excluded the victim (Item 1) and included 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
263XY2	Pos KM	Pos KM
2794Y3	Pos KM	Pos KM
2998HJ	Pos KM, RSID	Pos O-tol, HemaTrace
2AZEF2	Pos KM	Pos KM
2CREZ6	Pos LMG	Pos LMG
2CZMKC	Pos KM	Pos KM
2EJGTR	Pos HemaTrace	Pos HemaTrace
2EPU69	Pos KM	Pos KM
2J6HMK	Pos Hemastix (TMB), HemaTrace	Pos Hemastix (TMB), HemaTrace
2PWKWC	Pos KM	Pos KM
2QDXF8	Pos Hemastix	Pos Hemastix
2TD22A	Pos Phenolphthalein	Pos Phenolphthalein
32UQU9	Pos KM, HemaTrace	Pos KM, HemaTrace
33GGP7	Pos KM	Pos KM
377KNK	Pos KM, TMB	Pos KM, TMB
37AUN3	Pos KM	Pos KM
38HFAC	Pos KM	Pos KM
393JFA	Pos KM, HemaTrace	Pos KM, HemaTrace
3BXUUC	Pos RSID Blood	Pos RSID Blood
3BZK42	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
3JZKRF	Pos KM, Hem	Pos KM, Hem
3KJ9EE	Pos Hemochromogen	Pos Hemochromogen
3LFMAY	Pos KM, HemaTrace	Pos KM, HemaTrace
3RF4BE	Pos KM. HemDirect	Pos KM. HemDirect
3V9C4M	Pos KM	Pos KM
3WVJ46	Pos Hemophan, FOB-Bioline	Pos Hemophan, FOB-Bioline
3XWJVC	Pos KM	Pos KM
3ZJTFR	Pos KM	Pos KM
48KWA2	Pos KM	Pos KM
49AXNJ	Pos LMG	Pos LMG
4BWL6	Pos KM, HemaTrace	Pos KM, HemaTrace
4CLV7D	Pos	Pos
4EXCWY	Pos KM, HT	Pos KM, HT

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
4JQML3	Pos KM, HemaTrace	Pos KM, HemaTrace
4K77XR	Pos LMG	Pos LMG
4Q3UY7	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
4Q4HHW	Pos TMB, KM	Pos TMB, KM
4W7U83	Pos KM	Pos KM
4YAQH6	Pos KM	Pos KM
4ZLET4	Pos KM	Pos KM
62B3N6	Pos KM	Pos KM
66Z8T9	Pos LMG	Pos LMG
6H3YB7	Pos LMG	Pos LMG
6HKR9V	Pos KM	Pos KM
6JACKT	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
6M3UH2	Pos KM	Pos KM
6NQDZZ	Pos KM, HemaTrace	Pos KM, HemaTrace
6PYXFN	Pos KM	Pos KM
6PZE68	Pos KM	Pos KM
6XYT7L	Pos KM, HemDirect	Pos KM, HemDirect
6Y86MM	Pos KM	Pos KM
6ZKR44	Pos KM	Pos KM
7262L4	Pos KM, HemaTrace	Pos KM, HemaTrace
73ZLBN	Pos LMG	Pos LMG
7684AJ	Pos KM	Pos KM
7773VD	Pos KM	Pos KM
78AYV8	Pos KM and HemaTrace	Pos KM and HemaTrace
7928UB	Pos KM, HemaTrace	Pos KM, HemaTrace
7AY7F6	Pos KM, HemaTrace	Pos KM, HemaTrace
7BDVHG	Pos KM, HEM	Pos KM, HEM
7KYWYQ	Pos KM, HemaTrace	Pos KM, HemaTrace
7N9R63	Pos LMG	Pos LMG
7NHR2J	Pos KM, HemaTrace	Pos KM, HemaTrace
7UDNN3	Pos KM	Pos KM
7VGP28	Pos KM, HemaTrace	Pos KM, HemaTrace
7XFCPY	Pos KM	Pos KM
7YFU27	Pos KM, HemaTrace	Pos KM, HemaTrace
834HG7	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
83EKRH	Pos KM	Pos KM
86F78W	Pos O-tol	Pos O-tol
89WDP6	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
8FQWFY	Pos KM	Pos KM
8LG3DA	Pos Hemochromogen	Pos Hemochromogen
8M942J	Pos KM, Human Blood Test (HemDirect)	Pos KM, Human Blood Test (HemDirect)
8ME7DC	Pos KM	Pos KM
8PDU7E	Pos Hemastix (TMB) & HemaTrace	Pos Hemastix (TMB) & HemaTrace
8THA2P	Pos KM	Pos KM
8UTEED	Pos KM	Pos KM
8XGGUY	Pos KM, HemaTrace	Pos HemaTrace
8YYZ2W	Pos KM, HemaTrace	Pos KM, HemaTrace
949TD8	Pos KM	Pos KM
9ANV2Q	Pos KM, HemaTrace	Pos KM
9DCQEP	Pos KM, HemaTrace	Pos KM, HemaTrace
9DXC8T	Pos KM	Pos KM
9EHTT3	Pos Hemastix	Pos Hemastix
9FAQ3U	Pos KM	Pos KM
9KMK77	Pos KM, HT	Pos KM, HT
9N4WWV	Pos KM	Pos KM
9T96EJ	Pos KM	Pos KM
9XBMNY	Pos HemaTrace	Pos HemaTrace
9Y4N32	Pos Hemastix	Pos Hemastix
9YNR3T	Pos KM	Pos KM
A27V8Y	Pos KM, HemaTrace	Pos KM, HemaTrace
A4Z3RG	Pos KM, Hemdirect	Pos KM, Hemdirect
A4ZXJZ	Pos PTMB	Pos PTMB
AD8PRU	Pos KM, HemaTrace	Pos KM, HemaTrace
AHU3DJ	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
AK76RA	Pos KM, HemaTrace	Pos KM, HemaTrace
AKYTJY	Pos Hemastix	Pos Hemastix
AN86UT	Pos KM	Pos KM
AT4ZJ8	Pos KM	Pos KM
ATCYY3	Pos O-tol, Seratec Hemdirect	Pos O-tol, Seratec Hemdirect
ATHDY4	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ATZAKB	Pos KM, HemaTrace	Pos KM, HemaTrace
AU6MFX	Pos LMG	Pos LMG
AVJ24L	Pos LMG, HemaTrace	Pos LMG, HemaTrace
AYJBAH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
B4EN34	Pos KM, HemaTrace	Pos KM, HemaTrace
B89H8D	Pos LMG, HemaTrace	Pos LMG, HemaTrace
B9D3QT	Pos KM and HemaTrace	Pos KM and HemaTrace
BGAV6R	Pos KM	Pos KM
BJCYUU	Pos KM	Pos KM
BMLRB3	Pos Hemochromogen	Pos Hemochromogen
BPFTTH	Pos KM	Pos KM
BPU79E	Pos KM, HemaTrace	Pos KM, HemaTrace
BW8X4Z	Pos KM, HemaTrace	Pos KM, HemaTrace
BZXJ9F	Pos KM, HemaTrace	Pos KM, HemaTrace
CCJLZ2	Pos KM test	Pos KM Test
CGZP4V	Pos KM	Pos KM
CHP9YW	Pos Phenolphthalein; HemaTrace	Pos HemaTrace
CL8KPL	Pos KM	Pos KM
CTP83M	Pos KM	Pos KM
CUQ4JR	Pos KM, HemaTrace	Pos KM, HemaTrace
CY7TQ8	Pos KM	Pos KM
D2XVZU	Pos HemaTrace	Pos HemaTrace
D3QWEW	Pos Hemastix	Pos Hemastix
D4TUFY	Pos KM	Pos KM
D4UTKT	Pos KM, O-tol, RSID	Pos KM, HemaTrace
D6K2JW	Pos KM, HemaTrace	Pos KM, HemaTrace
D6PDKY	Pos KM	Pos KM
DBU6RJ	Pos LMG	Pos LMG
DFP7H6	Pos KM	Pos KM
DMYKCT	Pos KM	Pos KM
DNWQWU	Pos KM, HemaTrace	Pos KM, HemaTrace
DRGH7B	Pos KM	Pos KM
DWRQA2	Pos KM, HemaTrace	Pos KM, HemaTrace
DX8U7D	Pos KM, HemaTrace	Pos KM, HemaTrace
DX8ZLL	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DY9TNE	Pos KM	Pos KM
DYFABY	Pos KM	Pos KM
E8MB3D	Pos KM, HemDirect	Pos KM, HemDirect
EDJQAQ	Pos KM	Pos KM
EKLP2F	Pos KM	Pos KM
ELMATV	Pos KM	Pos KM
EVKLYC	Pos KM, TMB (Hemastix)	Pos KM, TMB (Hemastix)
F27ZY3	Pos LMG	Pos LMG
F3FXE6	Pos KM, HemaTrace	Pos KM, HemaTrace
FCA7YW	Pos ALS, KM, HemaTrace	Pos ALS, KM, HemaTrace
FF6RPY	Pos Hemastix	Pos Hemastix
FLP87P	Pos KM	Pos KM
FMKFGE	Pos KM	Pos KM
FUGELW	Pos KM	Pos KM
FXQLE3	Pos KM, HemaTrace	Pos KM, HemaTrace
G78GQA	Pos KM, Seratec HemDirect	Pos KM, Seratec HemDirect
G87G8M	Pos KM, HemaTrace	Pos KM, HemaTrace
GDFWGB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
GELDQM	Pos KM	Pos KM
GJDWAK	Pos KM	Pos KM
GNC4CV	Pos KM	Pos KM
GXPBMB	Pos LMG	Pos LMG
GXUPXQ	Pos KM, HemaTrace	Pos KM, HemaTrace
GYUHFX	Pos KM, RSID	Pos KM, RSID
H2QT64	Pos KM, Seratec Hem	Pos KM, Seratec Hem
H4JCQN	Pos KM	Pos KM
H4JG9J	Pos O-tol	Pos O-tol
H7H3CG	Pos KM	Pos KM
H96LDE	Pos LMG	Pos LMG
HCF8WE	Pos O-tol	Pos O-tol
HJTFTU	Pos LMG	Pos LMG
HKMYZP	Pos KM	Pos KM
HQRVNV	Pos KM	Pos KM
HQW8HR	Pos KM	Pos KM
HRBCY	Pos FOB	Pos FOB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HRPBVY	Pos KM, HemaTrace	Pos KM, HemaTrace
HRTG2P	Pos KM	Pos KM
HYBY96	Pos LMG, HemaTrace	Pos LMG, HemaTrace
HZMLUQ	Pos KM	Pos KM
J4B3UV	Pos O-tol	Pos O-tol
J6ZDKN	Pos KM	Pos KM
J7NKFY	Pos KM, HemaTrace	Pos KM, HemaTrace
J9Y32Q	Pos KM	Pos KM
JD8RWJ	Pos KM	Pos KM
JERUDY	Pos KM	Pos KM
JGDKGN	Pos KM	Pos KM
JJUHHE	Pos KM	Pos KM
JKWJ2X	Pos KM	Pos KM
JR8EJE	Pos ABACard HemaTrace	Pos ABACard HemaTrace
JRXRFD	Pos KM	Pos KM
JTTHD6	Pos KM	Pos KM
JTYM7A	Pos Phenolphthalein	Pos Phenolphthalein
JUT7HN	Pos KM	Pos KM
JZ977L	Pos KM, HemaTrace	Pos KM, HemaTrace
JZJGNZ	Pos KM	Pos KM
JZTMJ4	Pos KM, Luminol	Pos KM, Luminol
K9QM2U	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
KB78KB	Pos KM	Pos KM
KENLNC	Pos KM	Pos KM
KK7CZZ	Pos KM	Pos KM but stain appears mixed
KMT976	Pos LMG, HemaTrace	Pos LMG, HemaTrace
KN4ZDZ	Pos LMG	Pos LMG
KQF9WR	Pos O-tol	Pos O-tol
KTF2H6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
KTF46N	Pos KM; HemaTrace	Pos KM; HemaTrace
KTKVJ6	Pos KM	Pos KM
KXZB2A	Pos KM	Pos KM
KZMV38	Pos LMG, HemaTrace	Pos LMG, HemaTrace
L4CAW2	Pos KM, TMB	Pos KM, TMB
LAT3J6	Pos	Pos

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LBCQ6L	Pos Hemastix	Pos Hemastix
LBMXQ2	Pos KM	Pos KM
LHM3WY	Pos Luminol, KM	Pos Luminol, KM
LHTD6G	Pos KM	Pos KM
LJG4K3	Pos KM	Pos KM
LPVBPE	Pos O-tol	Pos O-tol
LQG8QZ	Pos luminol, KM, Hemdirect	Pos KM
LVAE63	Pos KM, HemaTrace	Pos KM, HemaTrace
LVKU9W	Pos KM	Pos KM
LY4W2N	Pos KM, HemaTrace	Pos KM, HemaTrace
LYRF82	Pos KM, HemaTrace	Pos KM, HemaTrace
M2UYTD	Pos KM	Pos KM
M3RZ2Q	Pos KM; HemaTrace	Pos KM; HemaTrace
M7NTQE	Pos KM	Pos KM
MBAE9G	Pos PTMB	Pos PTMB
MGWBL7	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
MK8BJ6	Pos KM	Pos KM
MPWX9J	Pos KM	Pos KM
MTPPNA	Pos KM	Pos KM
MU4YYA	Pos LMG	Pos LMG
MYPERL	Pos KM	Pos KM
N7PZNF	Pos H2O2	Pos H2O2
N7V24N	Pos KM	Pos KM
N8H2AH	Pos KM	Pos KM
N8ZX2X	Pos RSID	Pos RSID
NB6HT4	Pos O-tol	Pos O-tol
NDBTZF	Pos PEROXIDASA, OBTI	Pos PEROXIDASA, OBTI
NFM3FB	Pos O-tol, hemdirect	Pos O-tol, hemdirect
NHDZ4W	Pos KM, HEM	Pos KM, HEM
NKZQ62	Pos KM, HemaTrace	Pos KM, HemaTrace
NRXFNQ	Pos KM	Pos KM
NV94RA	Pos KM	Pos KM
NW94XG	Pos O-tol	Pos O-tol
NYEKBE	Pos PTMB	Pos PTMB
NYFQXK	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
P3CV7J	Pos Phenolphthalein	Pos Phenolphthalein
P3HVGK	Pos KM	Pos KM
P6QAYC	Pos KM, TMB	Pos KM, TMB
P76PGK	Pos KM	Pos KM
PA7QLN	Pos KM, HemaTrace	Pos KM, HemaTrace
PBLUC9	Pos O-tol	Pos O-tol
PCFKF3	Pos O-tol	Pos O-tol
PG4K8N	Pos LMG	Pos LMG
PK86E9	Pos ABACard HemaTrace	Pos ABACard HemaTrace
PP9FYU	Pos KM, HemaTrace	Pos KM, HemaTrace
PQ8FN8	Pos KM	Pos KM
PRUF2V	Pos KM	Pos KM
PTANEQ	Pos KM	Pos KM
PUJMLR	Pos KM	Pos KM
PUJN7Q	Pos KM, HemaTrace	Pos KM, HemaTrace
PVW8D3	Pos KM	Pos KM
PVYY7J	Pos KM, HemaTrace	Pos KM, HemaTrace
PXUE2E	Pos KM, ABACard HemaTrace	Pos KM, ABACard HemaTrace
PZFAKL	Pos LMG	Pos LMG
Q4FHWN	Pos KM	Pos KM
Q6DDLQ	Pos KM, HemaTrace	Pos KM, HemaTrace
Q7TEQD	Pos PHTH	Pos PHTH
QBGWCX	Pos KM, TMB	Pos KM, TMB
QCLJL3	Pos LMG	Pos LMG
QE3JBC	Pos O-tol	Pos O-tol
QECQAY	Pos KM, TMB	Pos KM, TMB
QGJV3M	Pos KM, HemaTrace	Pos KM, HemaTrace
QLWP4D	Pos O-tol	Pos O-tol
QQ3HQG	Pos KM	Pos KM
QRKDFB	Pos KM and TMB	Pos KM and TMB
QWA9V9	Pos KM	Pos KM
QZAEEK	Pos LMG	Pos LMG
QZUT9P	Pos KM	Pos KM
R2KJRN	Pos KM, HemaTrace	Pos KM, HemaTrace
R4KNW4	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
R6VQJ3	Pos KM	Pos KM
RB43RL	Pos KM	Pos KM
RC2DYB	Pos LMG	Pos LMG
RE4XP4	Pos LMG	Pos LMG
REQJJ8	Pos ABACard HemaTrace	Pos ABACard HemaTrace
RJF8WC	Pos LMG	Pos LMG
RJX9LM	Pos KM	Pos KM
RMM6XL	Pos KM	Pos KM
RR9G3N	Pos KM/HemaTrace	Pos KM/HemaTrace
RTLVCQX	Pos KM, HemaTrace	Pos KM, HemaTrace
RUJ7RK	Pos KM	Pos KM
RX39UJ	Pos KM, HemaTrace	Pos KM, HemaTrace
RXUAEN	Pos KM and HemaTrace	Pos KM and HemaTrace
T2G6VE	Pos KM	Pos KM
T6ZBFV	Pos KM, TMB	Pos KM, TMB
T7LCRJ	Pos KM	Pos KM
T9NH6Y	Pos KM	Pos KM
TAC4MN	Pos KM	Pos KM
TADRCE	Pos KM; HemaTrace	Pos KM; HemaTrace
TCV8XE	Pos KM	Pos KM
TDHJ7D	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
TDNCER	Pos KM	Pos KM
TFPAVL	Pos KM, HemaTrace	Pos KM, HemaTrace
TMZ66F	Pos KM, HemaTrace	Pos KM, HemaTrace
TTNVDH	Pos TMB	Pos TMB
U84GJ9	Pos KM, HemaTrace	Pos KM, HemaTrace
U89LCY	Pos KM	Pos KM
U93D4C	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
UAVALE	Pos KM	Pos KM
UB4JGW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UH2BKK	Pos KM	Pos KM
UH4UV2	Pos KM	Pos KM
UMFNPD	Pos HemaTrace	Pos HemaTrace
UPEBXH	Pos KM and HemaTrace	Pos KM and HemaTrace
UTWRR8	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
V3P4EE	Pos KM, HemaTrace	Pos KM, HemaTrace
V6CWYW	Pos LMG	Pos LMG
VCL76C	Pos KM, HemaTrace	Pos KM, HemaTrace
VD4CMZ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
WV7HV	Pos KM, TMB	Pos KM, TMB
VXZZN3	Pos KM, HemaTrace	Pos KM, HemaTrace
VZCMBM	Pos KM, Hemdirect	Pos KM, Hemdirect
VZRDGF	Pos KM, HemaTrace	Pos KM, HemaTrace
W8N4HM	Pos KM, HEM	Pos KM, HEM
WDCQ9M	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
WDTWLQ	Pos KM, HemaTrace	Pos KM, HemaTrace
WEK4QN	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
WH6WK4	Pos KM	Pos KM
WM7RXD	Pos KM	Pos KM
WUF9EK	Pos KM	Pos KM
WXRQ4B	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
X67823	Pos KM, HemaTrace	Pos KM, HemaTrace
X6DLWW	Pos KM	Pos KM
X6X7U2	Pos O-tol; HemDirect	Pos O-tol; HemDirect
X7NEKJ	Pos HemaTrace	Pos HemaTrace
X7P6WU	Pos KM, HemaTrace	Pos KM, HemaTrace
X8CCVQ	Pos LMG	Pos LMG
X8YCX2	Pos KM	Pos KM
X9C4QH	Pos pheno	Pos pheno
XA9JZU	Pos KM, HemaTrace	Pos KM, HemaTrace
XFUE2X	Pos KM, HemaTrace	Pos KM, HemaTrace
XHQNH8	Pos LMG	Pos LMG
XN7EUN	Pos KM, HemaTrace	Pos KM, HemaTrace
XQMDGC	Pos KM	Pos KM
XUC63L	Pos IR Light, Luminol, Phenolphthalein	Pos IR Light, Luminol, Phenolphthalein
XUH8YL	Pos KM, SERATEC HemDirect	Pos KM, SERATEC HemDirect
XWKDAK	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XYXT8K	Pos KM	Pos KM
Y2G6LG	Pos KM, HemaTrace, ALS	Pos KM, HemaTrace, ALS
Y2MCU4	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Y9XVLN	Pos KM, Hem	Pos KM, Hem
YBF2W6	Pos HemaTrace	Pos HemaTrace
YFCKAA	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
YFRZEP	Pos KM, HemDirect	Pos KM, HemDirect
YHBRVE	Pos KM	Pos KM
YKPF36	Pos KM	Pos KM
YM3YC3	Pos O-tol, HT (HemaTrace, ABACard)	Pos O-tol, HT (HemaTrace, ABACard)
YMFLNA	Pos TMB, HemaTrace	Pos TMB, HemaTrace
YP4XMF	Pos KM	Pos KM
YPR8JH	Pos KM	Pos KM
YRHXYE	Pos KM	Pos KM
YT2H9D	Pos KM, HemaTrace	Pos KM, HemaTrace
YVX2FY	Pos KM	Pos KM
Z2BCZY	Pos KM	Pos KM
Z2RNGH	Pos LMG	Pos LMG
Z3K8MD	Pos TMB	Pos TMB
Z3VQYN	Pos LMG	Pos LMG
Z6HM39	Pos KM	Pos KM
Z6RMZB	Pos KM	Pos KM
ZA4MBU	Pos KM	Pos KM
ZBRJA4	Pos O-tol	Pos O-tol
ZLD7TC	Pos KM	Pos KM
ZLW4ZV	Pos KM	Pos KM
ZPDEZ8	Pos KM	Pos KM
ZZ8JBL	Pos KM	Pos KM

Table 1a: Serology Screening Response Summary - Blood		Participants: 373	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	373	373	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	0	0	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
2J6HMK	Neg ALS, AP	Neg ALS, AP
32UQU9	Neg AP, PSA, Micro	Neg AP, PSA, Micro
377KNK	Neg AP	Neg AP
37AUN3	Neg ALS, AP, Micro	Neg ALS, AP, Micro
393JFA	Neg ALS, AP	Neg ALS, AP
3BXUUC	Neg RSID Semen	Neg RSID Semen
3JZKRF	Neg AP, Micro, RSID	Neg AP, Micro, RSID
3LFMAY	Neg AP, PSA	Neg AP, PSA
3RF4BE	Neg AP, Micro, RSID	Neg AP, Micro, RSID
48KWA2	Neg ALS, AP, Micro	Neg ALS, AP, Micro
49AXNJ	Neg AP	Neg AP
4BWL6	Neg AP, Micro, PSA	Neg AP, Micro, PSA
4K77XR	Neg AP	Neg AP
4Q3UY7	Neg AP, p30, Microscopy	Neg AP, p30, Microscopy
4Q4HHW	Neg AP	Neg AP
4YAQH6	Neg AP, Micro, PSA	Neg AP, Micro, PSA
6JACKT	Neg AP	Neg AP
6NQDZZ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
6XYT7L	Neg PSA	Neg PSA
6ZKR44	Neg AP, PSA, Micro	Neg AP, PSA, Micro
73ZLBN	Neg AP	Neg AP
7BDVHG	Neg AP, Micro, RSID Sg	Neg AP, Micro, RSID Sg
7KYWYQ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
7NHR2J	Neg AP, Micro, RSID	Neg AP, Micro, RSID
89WDP6	Neg AP	Neg AP
8M942J	Neg AP, Micro, RSID (Semenogelin)	Neg AP, Micro, RSID (Semenogelin)
8ME7DC	Neg AP	Neg AP
8PDU7E	Neg ALS and AP	Neg ALS and AP
8YYZ2W	Neg AP, PSA, Micro	Neg AP, PSA, Micro
9DCQEP	Neg AP, Micro, PSA	Neg AP, Micro, PSA
9KMK77	Neg AP	Neg AP
A4Z3RG	Neg ALS, AP, Micro	Neg ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
AD8PRU	Neg AP, PSA, Micro	Neg AP, PSA, Micro
AHU3DJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ATCYY3	Neg AP Spot	Neg AP Spot
AVJ24L	Neg AP	Neg AP
BPU79E	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
BW8X4Z	Neg PSA, Micro	Neg PSA, Micro
BZXJ9F	Neg AP	Neg AP
CGZP4V	Neg AP, Micro	Neg AP, Micro
CHP9YW	Neg p30	NT
CUQ4JR	Neg AP, PSA, Micro	Neg AP, PSA, Micro
DBU6RJ	Neg AP	Neg AP
DMYKCT	Neg ALS, AP, Micro	Neg ALS, AP, Micro
DYFABY	Neg AP	Neg AP
E8MB3D	Neg AP, Micro	Neg AP, Micro
FLP87P	Neg AP	Neg AP
G78GQA	Neg AP, Micro, RSID Semen	Neg AP, Micro, RSID Semen
G87G8M	Neg Micro, PSA	Neg Micro, PSA
GJDWAK	Neg AP	Neg AP
GXPBMB	Neg AP	Neg AP
H2QT64	Neg AP, Micro, RSID Sg	Neg AP, Micro, RSID Sg
H4JG9J	Neg AP	Neg AP
H7H3CG	Neg AP	Neg AP
H96LDE	Neg AP	Neg AP
HKMYZP	Neg AP, Micro, PSA	Neg AP, Micro, PSA
HRBCY	Neg RSID Semen, PSA	Neg RSID Semen, PSA
J4B3UV	Neg AP	Neg AP
J9Y32Q	Neg AP, Micro	Neg AP, Micro
JERUDY	Neg AP	Neg AP
JR8EJE	Neg ALS, ABACard p30	Neg ALS, ABACard p30
JZ977L	Neg AP, PSA, Micro	Neg AP, PSA, Micro
JZTMJ4	Neg ALS, AP, Micro	Neg ALS, AP
K9QM2U	Neg AP, Micro	Neg AP, Micro
KK7CZZ		Neg AP
KMT976	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
KQF9WR	Neg AP	Neg AP
KTF2H6	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
L4CAW2	Neg AP	Neg AP
LHM3WY	Neg ALS, AP, Micro	Neg ALS, AP, Micro
LQG8QZ	Neg ALS, AP, Micro	Neg ALS, AP
M3RZ2Q	Neg AP, ALS	Neg AP, ALS
MU4YYA	Neg PSA, Micro	Neg PSA, Micro
MYPERL	Neg AP, Micro, ALS	Neg AP, Micro, ALS
N8ZX2X	Neg RSID	Neg RSID
NB6HT4	Neg AP	Neg AP
NDBTZF	Neg PSA SEMIQUANT	Neg PSA SEMIQUANT
NFM3FB	Neg AP	Neg AP
NHDZ4W	Neg AP, Micro, RSID	Neg AP, Micro, RSID
NW94XG	Neg AP, ALS	Neg AP, ALS
P3HVGK	Neg AP, Micro	Neg AP, Micro
P6QAYC	Neg AP	Neg AP
PA7QLN	Neg AP, PSA, Micro	Neg AP, PSA, Micro
PK86E9	Neg ALS	Neg ALS
PP9FYU	Neg AP	Neg AP
PXUE2E	Neg AP, PSA	Neg AP, PSA
QBGWCX	Neg AP	Neg AP
QCLJL3	Neg AP	Neg AP
QECQAY	Neg AP	Neg AP
QGJV3M	Neg Micro, PSA	Neg Micro, PSA
QRKDFB	Neg AP	Neg AP
RE4XP4	Neg AP	Neg AP
RJPVGT	Neg PSA	Neg PSA
RX39UJ	Neg PSA, Micro	Neg PSA, Micro
T2G6VE	Neg AP	Neg AP
T6ZBFV	Neg AP	Neg AP
TAC4MN	Neg AP, Micro	Neg AP, Micro
TMZ66F	Neg PSA, Micro	Neg PSA, Micro
U84GJ9	Neg AP	Neg AP
U93D4C	Neg ALS, AP, PSA	Neg ALS, AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
UVALE	Neg ALS, AP	Neg ALS, AP
UPEBXH	Neg AP, PSA, and Micro	Neg AP, PSA, and Micro
UTWRR8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
V3P4EE	Neg AP, Micro, PSA	Neg AP, Micro, PSA
VCL76C	Neg AP, PSA, Micro	Neg AP, PSA, Micro
WL7HV	Neg AP	Neg AP
VZCMBM	Neg AP, Micro, RSID	Neg AP, Micro, RSID
VZRDGF	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
W8N4HM	Neg AP, Micro, RSID	Neg AP, Micro, RSID
WDCQ9M	Neg AP	Neg AP
WM7RXD	Neg AP, Micro	Neg AP, Micro
WXRQ4B	NT	Neg ALS, AP, PSA, Micro
X7P6WU	Neg AP	Neg AP
X8CCVQ	Neg AP	Neg AP
XA9JZU	Neg AP	Neg AP
XFUE2X	Neg AP	Neg AP
XQMDGC	Neg ALS, AP	Neg ALS, AP
XUC63L	Neg ALS, STMP, Micro	Neg ALS, STMP, Micro
XUH8YL	Neg AP, Micro, RSID	Neg AP, Micro, RSID
Y9XVLN	Pos RSID	Neg AP, Micro, RSID
YFCKAA	Neg AP, PSA, Micro	Neg AP, PSA, Micro
YFRZEP	Neg AP, Micro, RSID	Neg AP, Micro, RSID
YPR8JH	Neg AP	Neg AP
YT2H9D	Neg AP, PSA, Micro	Neg AP, PSA, Micro
Z3VQYN	Neg AP	Neg AP
Z6RMZB	Neg AP, Micro	Neg AP, Micro
ZPDEZ8	Neg AP, Micro	Neg AP, Micro

Table 1b: Serology Screening Response Summary - SemenParticipants: **127**

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

	Item 3	Item 4
Positive	1	0
Negative	124	126
Inconclusive	0	0
Not Tested (NT)	1	1
Not Reported	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
32UQU9	Neg Amylase test	Neg Amylase test
37AUN3	Neg ALS, Phadebas	Neg ALS, Phadebas
3BXUUC	Neg RSID Saliva	Neg RSID Saliva
3LFMAY	Neg RSID	Neg RSID
48KWA2	Neg Phadebas	Neg Phadebas
49AXNJ	Neg RSID	Neg RSID
4Q3UY7	Neg RSID	Neg RSID
4YAQH6	Neg Amylase Diffusion Plate	Neg Amylase Diffusion Plate
6NQDZZ	Neg Phadebas	Neg Phadebas
7KYWYQ	Neg Phadebas	Neg Phadebas
8XGGUY	Neg RSID	NT
8YYZ2W	Neg Phadebas	Neg Phadebas
9DCQEP	Neg Phadebas	Neg Phadebas
9KMK77	Neg RSID	Neg RSID
A4Z3RG	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
AD8PRU	Neg Phadebas	Neg Phadebas
AHU3DJ	Neg Amylase	Neg Amylase
AYJBAH	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
BPU79E	Neg ALS, Phadebas	Neg ALS, Phadebas
BW8X4Z	Neg RSID	Neg RSID
BZXJ9F	Neg RSID Saliva	Neg RSID Saliva
CCJLZ2	Neg Amylase Paper	
CGZP4V	Neg RSID	Neg RSID
CHP9YW	Neg RSID	NT
CUQ4JR	Neg Phadebas	Neg Phadebas
DMYKCT	Neg ALS, Phadebas	Neg ALS, Phadebas
DYFABY	Neg Phadebus	Neg Phadebus
E8MB3D	Neg RSID Saliva	Neg RSID Saliva
FLP87P	Neg Phadebas	Neg Phadebas
G87G8M	Neg RSID	Neg RSID
HRBCY	Neg RSID Saliva	Neg RSID Saliva
JERUDY	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
JRXRFD	Neg RSID	Neg RSID
JZ977L	Neg Phadebas	Neg Phadebas
KK7CZZ		Neg Amylase paper
LHM3WY	Neg Amylase Diffusion	Neg Amylase Diffusion
MYPERL	Neg RSID	Neg RSID
N8ZX2X	Neg RSID	Neg RSID
P3HVGK	Neg RSID	Neg RSID
PA7QLN	Neg Amylase Test	Neg Amylase Test
PXUE2E	Neg Phadebas (tablet)	Neg Phadebas (tablet)
QGJV3M	Neg RSID	Neg RSID
RX39UJ	Neg RSID	Neg RSID
TAC4MN	Neg Phadebas	Neg Phadebas
TMZ66F	Neg RSID	Neg RSID
U93D4C	Neg SALIgAE	Neg SALIgAE
UPEBXH	Neg Phadebas	Neg Phadebas
UTWRR8	Neg Phadebas	Neg Phadebas
V3P4EE	Neg Phadebas	Neg Phadebas
VCL76C	Neg Phadebas	Neg Phadebas
WDCQ9M	Neg RSID	Neg RSID
WM7RXD	Neg RSID	Neg RSID
WXRQ4B	Neg SALIgAE	Neg SALIgAE
X7P6WU	Neg RSID Saliva	Neg RSID Saliva
X8CCVQ	Neg RSID Saliva	Neg RSID Saliva
XFUE2X	Neg RSID	Neg RSID
XUC63L	Neg Amylase Diffusion	Neg Amylase Diffusion
YFCKAA	Neg RSID-Saliva, Micro	Neg RSID-Saliva, Micro
YT2H9D	Neg Phadebas	Neg Phadebas
Z3VQYN	Neg RSID Saliva	Neg RSID Saliva
Z6RMZB	Neg RSID	Neg RSID
ZPDEZ8	Neg RSID	Neg RSID
ZZ8JBL	Neg Amylase paper	Neg Amylase Paper

Table 1c: Serology Screening Response Summary - SalivaParticipants: **63**

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

	Item 3	Item 4
Positive	0	0
Negative	62	60
Inconclusive	0	0
Not Tested (NT)	0	2
Not Reported	1	1

Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
263XY2	Pos PowerQuant	Pos
2998HJ	Pos RSID	NT
37AUN3	Pos Quant Trio	Pos Quant Trio
3JZKRF	Pos	Pos
3RF4BE	Pos Y-Screening	Pos Y-Screening
3V9C4M	Pos PowerQuant	Pos PowerQuant
48KWA2	Pos QuantTrio	Pos QuantTrio
4W7U83	Pos QFT	Pos QFT
6PYXFN	Pos PowerQuant	Pos PowerQuant
6XYT7L	Pos HemDirect	Pos HemDirect
7BDVHG	Pos CWD	Pos CWD
7N9R63	Pos RSID-Blood	Pos RSID-Blood
7NHR2J	Pos Casework Direct	Pos Casework Direct
89WDP6	Pos Seratec HemDirect	Pos Seratec HemDirect
8M942J	Pos	Pos
9ANV2Q	Pos HemaTrace	NT
9YNR3T	Pos PowerQuant	Pos PowerQuant
AN86UT	Pos PowerQuant	Pos PowerQuant
ATCYY3	Pos Seratec Hemdirect	Pos Seratec Hemdirect
AU6MFX	Pos RSID-Blood	Pos RSID-Blood
AYJBAH	Pos quant TRIO, HemaTrace	Pos quant TRIO, HemaTrace
BZXJ9F	Pos PowerQuant, HemaTrace	Pos PowerQuant, HemaTrace
D4UTKT	Pos RSID	NT
DMYKCT	Pos Quantifiler Trio	Pos Quantifiler Trio
F27ZY3	Pos Quant Trio	Pos Quant Trio
FLP87P	Pos Autosomal DNA profiling	Pos Autosomal DNA profiling
G78GQA	Pos Casework Direct	Pos Casework Direct
H2QT64	Pos	Pos
HRPBVY	Pos PowerQuant	Pos PowerQuant
JRXRFD	Pos Powerquant	Pos Powerquant
JZJGNZ	Pos ABACard HemaTrace	Pos ABACard HemaTrace
JZTMJ4	Pos HemDirect	NT
K9QM2U	Pos Seratec HemDirect	Pos Seratec HemDirect

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
KTKVJ6	Pos PowerQuant	Pos PowerQuant
LHM3WY	NT	Pos HemDirect
LQG8QZ	Pos HemDirect	NT
LVAE63	Pos HemaTrace, Powerquant	Pos HemaTrace, Powerquant
LVKU9W	Pos ABA HemaTrace	Pos ABA HemaTrace
N7PZNF	Pos HEXAGON OBTI	Pos HEXAGON OBTI
NHDZ4W	Pos PCR	Pos PCR
NKZQ62	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
PXUE2E	Pos ABACard HemaTrace	Pos ABACard HemaTrace
QE3JBC	Pos HemaTrace	NT
QLWP4D	Pos HemaTrace	Pos HemaTrace
R4KNW4	Pos PowerQuant	Pos PowerQuant
R6VQJ3	Pos PowerQuant	Pos PowerQuant
RJPVGT	Pos PPF/Y23	Pos PPF/Y23
RTLXQX	Pos PowerQuant, HemaTrace	Pos PowerQuant, HemaTrace
TAC4MN	Pos Quantiplex Investigator Pro RGQ	Pos Quantiplex Investigator Pro RGQ
TDHJ7D	Pos HemaTrace	Pos HemaTrace
U93D4C	Pos HemaTrace	Pos HemaTrace
UB4JGW	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
V3P4EE	Pos Quant Trio	Pos Quant Trio
V6CWYW	Pos Quant TRIO	Pos Quant TRIO
VXZZN3	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
VZCMBM	Pos Casework Direct	Pos Casework Direct
W8N4HM	Pos Y-Screening	Pos Y-Screening
WEK4QN	Pos Quant	Pos Quant
WH6WK4	Pos PowerQuant	Pos PowerQuant
WXRQ4B	Pos HemaTrace	Pos HemaTrace
X7P6WU	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
XA9JZU	Pos PowerQuant, HemaTrace	Pos PowerQuant, HemaTrace
XFUE2X	Pos HemaTrace, Powerquant	Pos HemaTrace, Powerquant
XHQNH8	Pos RSID-Blood	Pos RSID-Blood
XUC63L	NT	Pos HemDirect
XUH8YL	Pos Y-Screening	Pos Y-Screening
Y9XVLN	Pos	Pos
YFRZEP	Pos	Pos

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
YMFLNA	Pos QuantiTrio, PowerPlex21	Pos QuantiTrio, PowerPlex21

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 69
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	67	63	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	2	6	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
263XY2	NT	NT PowerQuant
2998HJ	Pos NaOH extraction	Pos NaOH extraction
2CREZ6	Pos CWGO	Pos CWGO
3JZKRF	Pos	Pos
3MW7GW	Pos Promega Casework Direct Kit	Pos Promega Casework Direct Kit
3RF4BE	Pos Y-Screening	Pos Y-Screening
7684AJ	Pos TRIO	Pos TRIO
7BDVHG	Pos CWD	Pos CWD
7NHR2J	Pos Casework Direct	Pos Casework Direct
89WDP6	Pos Quant Trio	Pos Quant Trio
8M942J	Pos	Pos
AYJBAH	Pos quant TRIO	Pos quant TRIO
BW8X4Z	Pos Y-Screening	Pos Y-Screening
D4UTKT	Pos NaOH screen	Pos NaOH screen
DRGH7B	Pos Quantifiler Trio	Pos Quantifiler Trio
DX8U7D	Pos Trio	Pos Trio
F27ZY3	Pos Quant Trio	Pos Quant Trio
FLP87P	Pos YSTR profiling	Pos YSTR profiling
G78GQA	Pos Casework Direct	Pos Casework Direct
G87G8M	Pos	Pos
GJDWAK	Pos Promega Casework Direct	Pos Promega Casework Direct
H2QT64	Pos	Pos
H7H3CG	Pos Promega Casework Direct Kit	Pos Promega Casework Direct Kit
HRPBVY	Pos PowerQuant	Pos PowerQuant
JZJGNZ	Pos Plexor HY	Pos Plexor HY
MK8BJ6	Pos TRIO	Pos TRIO
NHDZ4W	Pos PCR	Pos PCR
PTANEQ	Pos NaOH	Pos NaOH
QGJV3M	Pos	Pos
QJZN3E	Pos PowerQuant	Pos PowerQuant
RJPVGT	Pos Y23/Amelogenin	Pos Y23/Amelogenin
RX39UJ	Pos	Pos
TAC4MN	Pos Quantiplex Investigator Pro RGQ	Pos Quantiplex Investigator Pro RGQ
TMZ66F	Pos	Pos
UB4JGW	Pos Quant Trio	Pos Quant Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
UHV2B7	Pos Promega Casework Direct	Pos Promega Casework Direct
V3P4EE	Pos Quant Trio	Pos Quant Trio
V6CWYW	Pos Quant TRIO	Pos Quant TRIO
VZCMBM	Pos Casework Direct	Pos Casework Direct
W8N4HM	Pos Y-Screening	Pos Y-Screening
WEK4QN	Pos Quant	Pos Quant
XUH8YL	Pos	Pos
Y9XVLN	Pos	Pos
YFCKAA	Pos PowerQuant	Pos PowerQuant
YFRZEP	Pos	Pos

Table 1e: Serology Screening Response Summary - Y Screening			Participants: 45
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	44	44	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	1	1	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results			
		Item 3		Item 4
K9QM2U	Feces, Urine	Neg Urobilinogen, Creatinine, DMAC	Feces, Urine	Neg Urobilinogen, Creatinine, DMAC
Y9XVLN	Semen	Neg AP, Micro		

STR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - STR Results

263XY2	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
2794Y3	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
2998HJ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
2AZEF2	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
2CREZ6	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
2CZMKC	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

2EJGTR	PowerPlex® Fusion 5C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
2J6HMK	Investigator® 24plex GO!					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
2PWKWC	GlobalFiler™ (STRmix v2.6.2)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
2QDXF8	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
2TD22A	GlobalFiler™ Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
32UQU9	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
33GGP7	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

377KNK	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
38HFAC	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
393JFA	PowerPlex® 21					
	11,18.3	17,22		15,18	10,13	10,11
1	8,11	11,16		18,21	8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
3BXUUC	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	-----
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	-----	-----	16,28.2	6,7	8,11
	16,17	-----	-----	-----	-----	-----
3BZK42	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
3KJ9EE	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
3LFMAY	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

3MW7GW	PowerPlex® Fusion 6C, FlexPlex					
	11,18.3	17,22	10,12	15,18	10,13	10,11
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NID	NID	NID		
3V9C4M	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
3WVJ46	GlobalFiler™ (GeneMapper ID-X v 1.2)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
3ZJTFR	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
49AXNJ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
4CLV7D	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
4EXCWY	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

4JQML3	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NR	NR	NR		
4K77XR	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
4LTJ9C	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	no results			no results	
4Q3UY7	PowerPlex® 21					
	11,18.3	17,22		15,18	10,13	10,11
1	8,11	11,16		18,21	8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
4Q4HHW	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
4TCLFE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	no results			no results	
4W7U83	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

4WZPCX	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
4YAQH6	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
4ZLET4	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
62B3N6	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	-			-	
62BZ37	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
66Z8T9	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
6H3YB7	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

6HKR9V	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
6JACKT	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
6M3UH2	homemade multiplex					
	11,18.3		10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19		30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	8,11
	16,17					
6NQDZZ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
6PYXFN	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
6PZE68	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
6XYT7L	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

6Y86MM	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
6ZKR44	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
7262L4	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
73ZLBN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7684AJ	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7773VD	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
78AYV8	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

7928UB	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7AY7F6	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7KYWYQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7N9R63	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7UDNN3	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
7VGP28	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
7XFCPY	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

7YFU27	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
834HG7	Investigator® 24plex QS (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
83EKRH	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
86F78W	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
89WDP6	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
8FQWFY	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
8LG3DA	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

8ME7DC	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NM			NM	
8PDU7E	Investigator® 24plex GO! (TrueAllele)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	no result				
8THA2P	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
8UTEED	PowerPlex®					
	11,18.3	17,22	10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19	13,13	30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	
	16,17					
8XGGUY	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
8YYZ2W	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
949TD8	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

9ANV2Q	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
9DCQEP	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
9DXC8T	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
9EHTT3	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
9FAQ3U	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NM			NM	
9KMK77	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
9N4WWV	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

9T96EJ	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
9XBMNY	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
9Y4N32	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
9YNR3T	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
A27V8Y	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
A4Z3RG	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	--			--	
A4ZXJZ	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

AA6WUP	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
AD8PRU	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
AHU3DJ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No results			No results	
AK76RA	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
AKYTJY	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
AN86UT	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
AT4ZJ8	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

ATCYY3	GlobalFiler™ (BulletProof Sentry)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
ATHDY4	GlobalFiler™ Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
ATZAKB	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
AU6MFX	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
AVJ24L	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	no result			no result	
AYJBAH	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	NT
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	NT	NT	16,28.2	6,7	8,11
	16,17	NR	NT	NT	NR	
B4EN34	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

B89H8D	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
B9D3QT	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
BGAV6R	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
BJCYUU	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
BMLRB3	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
BPFTTH	GlobalFiler™ (STRMIX)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
BW8X4Z	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

BZXJ9F	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
C7TF26	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
CCJLZ2	PowerPlex® ESI-17 FAST					
	11,18.3	17,22	10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19	13,13	30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	
	16,17					
CGZP4V	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
CHP9YW	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
CL8KPL	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
CUQ4JR	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

CY7TQ8	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
CZYQAZ	Identifiler® AmpFLSTR™ Identifiler™ Plus PCR Amplification Kit					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13	30,33.2		X	11,12
	19,21				6,7	8,11
	16,17					
D2XVZU	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
D3QWEW	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
D4TUFY	GlobalFiler™ Express (STRmix™)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	-			-	
D4UTKT	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
D6K2JW	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

D6PKY	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
DBU6RJ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
DFP7H6	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
DMYKCT	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No Results			No Results	
DNWQWU	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
DRGH7B	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
DWRQA2	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

DX8U7D	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
DX8ZLL	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
DY9TNE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
DYFABY	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
E8MB3D	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
EDJQAQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
EKLP2F	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

ELMATV	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	-			-	
EVKLYC	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
F27ZY3	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
FCA7YW	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No result			No Result	
FF6RPY	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
FLP87P	NGM SElect					
	11,18.3	17,22	10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19	13,13	30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	
	16,17					
FMKFGE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

FUGELW	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	-			-	
FXQLE3	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No result			No result	
FYCE4Q	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	N/A
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	N/A	N/A	16,28.2	6,7	8,11
	16,17	N/A	N/A	N/A	N/A	
G87G8M	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
GDFWGB	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No results			No results	
GELDQM	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
GJBAQK	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

GJDWAK	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NID				
GNC4CV	Identifiler® Direct					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
GXPBMB	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
GXUPXQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
GYUHFX	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	-
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	-	-	16,28.2	6,7	8,11
	16,17	N/D	-	-	N/D	
H4JCQN	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
H4JG9J	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

H7H3CG	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NID			NID	
H96LDE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
HCF8WE	PowerPlex® Fusion 5C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17	NT				
HJTFTU	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
HKMYZP	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
HQRVNV	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
HQW8HR	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

HRDBCY	GlobalFiler™ (GeneMapper ID-X 1.5)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
HRPBVY	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
HRTG2P	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
HXLAZG	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
HXNXJF	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NID			NID	
HYBY96	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	NT
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	NT	NT	16,28.2	6,7	8,11
	16,17	NR	NT	NT	NR	
HZMLUQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

J4B3UV	PowerPlex® Fusion 5C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
J6ZDKN	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
J7FFTH	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
J7NKFY	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No Results			No Results	
J9Y32Q	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
JD8RWJ	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NM			NM	
JERUDY	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

JGDKGN	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
JJUHHE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
JKWJ2X	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
JR8EJE	Investigator® 24plex GO!					
	11,18.3	17,22	10,12	15,18	10,13	N/A
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	N/A	N/A	16,28.2	6,7	8,11
	16,17	N/A	N/A	N/A	N/A	
JR9RFD	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
JTHD6	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
JTYM7A	Investigator® 24plex GO!					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

JUT7HN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
JVE67T	PowerPlex® Fusion 5C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
JZ977L	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
JZJGNZ	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
JZTMJ4	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
K9QM2U	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
KB78KB	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

KE6MRD	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
KENLNC	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
KK7CZZ	PowerPlex® ESI-17					
	11,18.3	17,22	10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19	13,13	30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	
	16,17					
KMT976	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
KN4ZDZ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
KQF9WR	PowerPlex® Fusion 5C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
KTF2H6	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

KTF46N	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NR	NR	NR		
KTKVJ6	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
KXZB2A	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
KZMV38	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
L4CAW2	Investigator® 24plex					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR				
LAT3J6	Investigator® 24plex GO!					
	11,18.3	17,22	10,12	15,18	10,13	NT
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	NT	NT	16,28.2	6,7	8,11
	16,17	NR	NT	NT	NT	
LBCQ6L	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

LBMXQ2	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
LG863E	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
LHTD6G	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
LJG4K3	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
LPVBPE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
LQG8QZ	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
LVAE63	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

LVKU9W	GlobalFiler™					
1	11,18.3	17,22	10,12	15,18	10,13	-
	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	-	-	16,28.2	6,7	8,11
	16,17	-	-	-	-	-
LY4W2N	PowerPlex® Fusion 6C					
1	11,18.3	17,22	10,12	15,18	10,13	-
	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	-	-	-	-	-
LYRF82	GlobalFiler™					
1	11,18.3	17,22	10,12	15,18	10,13	-
	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	-	-	16,28.2	6,7	8,11
	16,17	-	-	-	-	-
M2UYTD	PowerPlex® Fusion 6C Direct					
1	11,18.3	17,22	10,12	15,18	10,13	-
	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	-	-	-	-	-
M3RZ2Q	PowerPlex® 21 (STRmix v2.7)					
1	11,18.3	17,22	-	15,18	10,13	10,11
	8,11	11,16	-	18,21	8,13	9,14
	17,19	13,13	30,33.2	-	X,X	11,12
	19,21	9,12	13,14	-	6,7	8,11
	16,17	-	-	-	-	-
M7NTQE	PowerPlex® Fusion 6C Direct					
1	11,18.3	17,22	10,12	15,18	10,13	-
	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	-	-	-	-	-
MBAE9G	GlobalFiler™					
1	11,18.3	17,22	10,12	15,18	10,13	-
	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	-	-	16,28.2	6,7	8,11
	16,17	-	-	-	-	-

TABLE 2

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

Item 1 - STR Results

MGWBL7	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	No result			No result	
MK8BJ6	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
MPWX9J	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
MTPPNA	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11,INC	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
MU4YYA	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	NT
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	NT	NT	16,28.2	6,7	8,11
	16,17	NR	NT	NT	NR	
MYPERL	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
N7PZNF	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

N7V24N	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
N8H2AH	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
N8ZX2X	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
NB6HT4	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
NDBTZF	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
NFM3FB	PowerPlex® Fusion 6c					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
NKZQ62	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

NRXFNQ	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
NV94RA	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
NW94XG	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
NYEKBE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	-			-	
NYFQXK	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	-			-	
P3CV7J	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
P3HVGK	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

P6QAYC	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
P76PGK	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
PA7QLN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
PBLUC9	PowerPlex® Fusion 5C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17	NT				
PBYBKF	Investigator® 24plex QS					
	11,18.3	17,22	10,12	15,18	10,13	N/A
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	N/A	N/A	16,28.2	6,7	8,11
	16,17	N/A	N/A	N/A	N/A	
PCFKF3	Investigator® 24plex (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR				
PG4K8N	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

PK86E9	Investigator® 24plex GO!					
	11,18.3	17,22	10,12	15,18	10,13	N/A
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	N/A	N/A	16,28.2	6,7	8,11
	16,17	N/A	N/A	N/A	N/A	
PP9FYU	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
PQ8FN8	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
PRUF2V	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
PTANEQ	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
PUJN7Q	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
PVW8D3	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

PVYY7J	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
PXUE2E	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
PZFAKL	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
Q4FHWN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
Q6DDLQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
Q7TEQD	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
QBGWCX	Investigator® 24plex					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

QCLJL3	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
QE3JBC	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
QECQAY	Investigator® 24plex					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR				
QGJV3M	PowerPlex® 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
QJZN3E	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
QLWP4D	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
QQ3HQG	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

QRKDFB	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
QWA9V9	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
QZAEK	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
QZUT9P	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
R2KJRN	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NR	NR	NR		
R4KNW4	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
R6VQJ3	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

RB43RL	GlobalFiler™ Express (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
RC2DYB	PowerPlex®					
	11,18.3	17,22	10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19	13,13	30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	
	16,17					
RE4XP4	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
REQJ8	Investigator® 24plex GO! & QS					
	11,18.3	17,22	10,12	15,18	10,13	N/A
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	N/A	N/A	16,28.2	6,7	8,11
	16,17	N/A	N/A	N/A	N/A	
RJF8WC	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
RJPVGT	PowerPlex® 5C					
	11,18.3	17,22	10,12	15,18	10,13	--
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	--	6,7	8,11
	16,17	--	--	--	--	
RJX9LM	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

RMM6XL	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
RR9G3N	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
RTLQX	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
RX39UJ	PowerPlex® 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
RXUAEN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
T2G6VE	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	--			--	
T6ZBFV	Investigator® 24plex					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

TAC4MN	GlobalFiler™ (TrueAllele)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
TADRCE	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NR	NR	NR		
TCV8XE	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
TDHJ7D	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
TDNCER	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
TEEJCA	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
TFPAVL	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11,12	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

TMZ66F	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
TTNVDH	PowerPlex® 21					
	11,18.3	17,22		15,18	10,13	10,11
1	8,11	11,16		18,21	8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
U84GJ9	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
U93D4C	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
UAVALE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
UB4JGW	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	ND			ND	
UH2BKK	Investigator® 24plex QS (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

UH4UV2	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
UHV2B7	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,16	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
UMFNPD	Investigator® 24plex QS, 27flexplex					
	11,18.3	17,22	10,12	15,18	10,13	10,11
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	N/A	13,14	16,28.2	6,7	8,11
	16,17	N/A	N/A	N/A	N/A	
UPEBXH	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
UTWRR8	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
V3P4EE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	---			---	
V6CWYW	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	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

VCL76C	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
VD4CMZ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	NT
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	NT	NT	16,28.2	6,7	8,11
	16,17	NR	NT	NT	NR	
VWL7HV	Investigator® 24plex					
	11,18.3	17,22	10,12	15,18	10,13	NT
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	NT	NT	16,28.2	6,7	8,11
	16,17	NR	NT	NT	NT	
VXZZN3	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
WDCQ9M	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
WDTWLQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
WEK4QN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

WH6WK4	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
WM7RXD	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
WUF9EK	GlobalFiler™ Direct (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
WXRQ4B	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
X67823	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
X6DLWW	GlobalFiler™ (STRmix)					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
X6X7U2	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

X7NEKJ	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
X7P6WU	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
X8CCVQ	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
X8YCX2	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
X9C4QH	GlobalFiler™ Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
XA9JZU	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
XFUE2X	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

XHQNH8	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
XN7EUN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
XQMDGC	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
XUC63L	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
XWKDAK	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
XYXT8K	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NM			NM	
Y2G6LG	PowerPlex® 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17	NR	NR	NR		

TABLE 2

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

Item 1 - STR Results

Y2MCU4	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
YBF2W6	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
YHBRVE	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
YKPF36	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
YM3YC3	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
YMFLNA	PowerPlex® 21					
	11,18.3	17,22		15,18	10,13	10,11
1	8,11	11,16		18,21	8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21	9,12	13,14		6,7	8,11
	16,17					
YP4XMF	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

YPR8JH	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NM			NM	
YRHYXE	GlobalFiler™ Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
YT2H9D	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
Z2BCZY	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
Z2RNGH	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
Z3K8MD	PowerPlex® Fusion 6C					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
Z3VQYN	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

Z6HM39	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
Z6RMZB	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
ZA4MBU	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					
ZBRJA4	Identifiler® Plus					
		17,22		15,18	10,13	
1	8,11	11,16			8,13	9,14
	17,19	13,13	30,33.2		X,X	11,12
	19,21				6,7	8,11
	16,17					
ZLD7TC	GlobalFiler™ Express					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	NR			NR	
ZLW4ZV	PowerPlex® Fusion 6C Direct					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21	9,12	13,14	16,28.2	6,7	8,11
	16,17					
ZPDEZ8	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14	18,21	8,13	9,14
	17,19	13	30,33.2	15	X	11,12
	19,21			16,28.2	6,7	8,11
	16,17					

TABLE 2

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

Item 1 - STR Results

ZVAVXK	GlobalFiler™					
	11,18.3	17,22	10,12	15,18	10,13	
1	8,11	11,16	14,14	18,21	8,13	9,14
	17,19	13,13	30,33.2	15,15	X,X	11,12
	19,21			16,28.2	6,7	8,11
	16,17	no result			no result	
ZZ8JBL	ESI 17 Fast					
	11,18.3	17,22	10,12	15,18		
1		11,16	14,14	18,21		9,14
	17,19	13,13	30,33.2	15,15	X,X	
	19,21			16,28.2	6,7	
	16,17					

TABLE 2

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

Item 2 - STR Results

263XY2	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
2794Y3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
2998HJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2AZEF2	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2CREZ6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2CZMKC	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2EJGTR	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

2J6HMK	Investigator® 24plex GO!					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
2PWKWC	GlobalFiler™ (STRmix v2.6.2)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2QDXF8	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2TD22A	GlobalFiler™ Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
32UQU9	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
33GGP7	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
377KNK	PowerPlex® 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

38HFAC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
393JFA	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
2	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
3BXUUC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	-----
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	-----	-----	18,29.2	7,8	8,11
	15,15	10	-----	-----	2	
3BZK42	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
3KJ9EE	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
3LFMAY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
3MW7GW	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

3V9C4M	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
3WVJ46	GlobalFiler™ (GeneMapper ID-X v 1.2)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
3ZJTR	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
49AXNJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
4CLV7D	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4EXCWY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
4JQML3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

4K77XR	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
4LTJ9C	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4Q3UY7	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
2	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
4Q4HHW	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
4TCLFE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4W7U83	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
4WZPCX	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

4YAQH6	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4ZLET4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
62B3N6	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
62BZ37	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
66Z8T9	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6H3YB7	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6HKR9V	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

6JACKT	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
6M3UH2	homemade multiplex					
	16,16.3		10,11	14,15		
2		12,14	12,16	17,21		9,12
	16,18		28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	8,11
	15,15					
6NQDZZ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6PYXFN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
6PZE68	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6XYT7L	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
6Y86MM	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

6ZKR44	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
7262L4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
73ZLBN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7684AJ	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7773VD	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
78AYV8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7928UB	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

7AY7F6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7KYWYQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7N9R63	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7UDNN3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
7VGP28	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7XFCPY	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7YFU27	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

834HG7	Investigator® 24plex QS (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				
83EKRH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
86F78W	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
89WDP6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
8FQWFY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
8LG3DA	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
8ME7DC	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

8PDU7E	Investigator® 24plex GO! (TrueAllele)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
8THA2P	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
8UTEED	PowerPlex®					
	16,16.3	18,24	10,11	14,15		
2		12,14	12,[14],16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
8XGGUY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
8YYZ2W	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
949TD8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
9ANV2Q	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

9DCQEP	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9DXC8T	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
9EHTT3	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9FAQ3U	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9KMK77	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
9N4WWV	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9T96EJ	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

9XBMNY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
9Y4N32	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9YNR3T	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
A27V8Y	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
A4Z3RG	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
A4ZXJZ	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AA6WUP	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

AD8PRU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AHU3DJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
AK76RA	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AKYTJY	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AN86UT	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
AT4ZJ8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
ATCYY3	GlobalFiler™ (BulletProof Sentry)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

ATHDY4	GlobalFiler™ Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ATZAKB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AU6MFX	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AVJ24L	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
AYJBAH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	NT
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
B4EN34	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
B89H8D	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

B9D3QT	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BGAV6R	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BJCYUU	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BMLRB3	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
BPFTTH	GlobalFiler™ (STRMIX)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
BW8X4Z	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BZXJ9F	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		

TABLE 2

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

Item 2 - STR Results

C7TF26	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				
CCJLZ2	PowerPlex® ESI-17 FAST					
	16,16.3	18,24	10,11	14,15		
2		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
CGZP4V	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
CHP9YW	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
CL8KPL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
CUQ4JR	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
CY7TQ8	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

CZYQAZ	Identifiler® AmpFLSTR™ Identifiler™ Plus PCR Amplification Kit					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11
	20,26				7,8	8,11
	15					
D2XVZU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
D3QWEW	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D4TUFY	GlobalFiler™ Express (STRmix™)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D4UTKT	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D6K2JW	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D6PDKY	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				

TABLE 2

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

Item 2 - STR Results

DBU6RJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
DFP7H6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
DMYKCT	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
DNWQWU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
DRGH7B	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
DWRQA2	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
DX8U7D	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

DX8ZLL	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
DY9TNE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
DYFABY	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
E8MB3D	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
EDJQAQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
EKLP2F	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
ELMATV	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

EVKLYC		GlobalFiler™					
		16,16.3	18,24	10,11	14,15	12,14	
2		8,11	12,14	12,16	17,21	8,12	9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	11,11
		20,26			18,29.2	7,8	8,11
		15,15	10			2	
F27ZY3		GlobalFiler™					
		16,16.3	18,24	10,11	14,15	12,14	
2		8,11	12,14	12,16	17,21	8,12	9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	11,11
		20,26			18,29.2	7,8	8,11
		15,15	10			2	
FCA7YW		GlobalFiler™					
		16,16.3	18,24	10,11	14,15	12,14	
2		8,11	12,14	12,16	17,21	8,12	9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	11,11
		20,26			18,29.2	7,8	8,11
		15,15	10			2	
FF6RPY		GlobalFiler™					
		16,16.3	18,24	10,11	14,15	12,14	
2		8,11	12,14	12,16	17,21	8,12	9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	11,11
		20,26			18,29.2	7,8	8,11
		15,15	10,0			2,0	
FLP87P		NGM SElect					
		16,16.3	18,24	10,11	14,15		
2			12,14	12,16	17,21		9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	
		20,26			18,29.2	7,8	
		15,15					
FMKFGE		GlobalFiler™					
		16,16.3	18,24	10,11	14,15	12,14	
2		8,11	12,14	12,16	17,21	8,12	9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	11
		20,26			18,29.2	7,8	8,11
		15	10			2	
FUGELW		GlobalFiler™ Express (STRmix)					
		16,16.3	18,24	10,11	14,15	12,14	
2		8,11	12,14	12,16	17,21	8,12	9,12
		16,18	12.2,15	28,31.2	15,16	X,Y	11
		20,26			18,29.2	7,8	8,11
		15	10			2	

TABLE 2

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

Item 2 - STR Results

FXQLE3	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
FYCE4Q	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	N/A
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
G87G8M	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
GDFWGB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
GELDQM	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
GJBAQK	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
GJDWAK	FlexPlex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26		11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

GNC4CV	Identifiler® Direct					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
GXPBMB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
GXUPXQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
GYUHFX	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	-
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	-	-	18,29.2	7,8	8,11
	15,15	10	-	-	2	
H4JCQN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
H4JG9J	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
H7H3CG	FlexPlex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26		11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

H96LDE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
HCF8WE	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				
HJTFTU	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
HKMYZP	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
HQRVNV	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
HQW8HR	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
HRDBCY	GlobalFiler™ (GeneMapper ID-X 1.5)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

HRPBVY	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
HRTG2P	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
HXLAZG	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
HXNXJF	FlexPlex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26		11,12	18,29.2	7,8	8,11
	15	10	17	18		
HYBY96	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	NT
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
HZMLUQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
J4B3UV	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

J6ZDKN	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
J7FFTH	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
J7NKFY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
J9Y32Q	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JD8RWJ	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
JERUDY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
JGDKGN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		

TABLE 2

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

Item 2 - STR Results

JJUHHE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JKWJ2X	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JR8EJE	Investigator® 24plex GO!					
	16,16.3	18,24	10,11	14,15	12,14	N/A
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
JR9RFD	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
JTTHD6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JTYM7A	Investigator® 24plex GO!					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
JUT7HN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

JVE67T	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				
JZ977L	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
JZJGNZ	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
JZTMJ4	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
K9QM2U	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KB78KB	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
KE6MRD	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

KENLNC	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
KK7CZZ	PowerPlex® DNA-17					
	16,16.3	18,24	10,11	14,15		
2		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
KMT976	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KN4ZDZ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
KQF9WR	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				
KTF2H6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KTF46N	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

KTKVJ6	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
KXZB2A	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
KZMV38	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
L4CAW2	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
LAT3J6	Investigator® 24plex GO!					
	16,16.3	18,24	10,11	14,15	12,14	NT
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	NT	NT	18,29.2	7,8	8,11
	15	10	NT	NT	NT	
LBCQ6L	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
LBMXQ2	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

LG863E	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
LHTD6G	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
LJG4K3	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
LPVBPE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
LQG8QZ	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
LVAE63	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
LVKU9W	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	-
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	-	-	18,29.2	7,8	8,11
	15,15	10	-	-	2	

TABLE 2

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

Item 2 - STR Results

LY4W2N	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
LYRF82	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
M2UYTD	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
M3RZ2Q	PowerPlex® 21 (STRmix v2.7)					
	16,16.3	18,24		14,15	12,14	11,20
2	8,11	12,14		17,21	8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
M7NTQE	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
MBAE9G	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
MGWBL7	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

MK8BJ6	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
MPWX9J	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
MTPPNA	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
MU4YYA	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	NT
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
MYPERL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
N7PZNF	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
N7V24N	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

N8H2AH	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
N8ZX2X	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
NB6HT4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
NDBTZF	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
NFM3FB	PowerPlex® Fusion 6c					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
NKZQ62	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
NRXFNQ	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

NV94RA	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
NW94XG	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
NYEKBE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
NYFQXK	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
P3CV7J	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
P3HVGK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
P6QAYC	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

P76PGK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
PA7QLN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PBLUC9	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,[12]		7,8	8,11
	15	10				
PBYBKF	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	N/A
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
PCFKF3	Investigator® 24plex (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				
PG4K8N	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PK86E9	Investigator® 24plex QS, 27 Flex Plex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	11,12	18,29.2	7,8	8,11
	15,15	10	17	18	N/A	

TABLE 2

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

Item 2 - STR Results

PP9FYU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
PQ8FN8	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
PRUF2V	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PTANEQ	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PUJN7Q	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PVW8D3	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
PVYY7J	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

PXUE2E	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
PZFACL	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
Q4FHWN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
Q6DDLQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Q7TEQD	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
QBGWCX	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
QCLJL3	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

QE3JBC	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
QECQAY	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
QGJV3M	PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QJZN3E	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
QLWP4D	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
QQ3HQG	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QRKDFB	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 2 - STR Results

QWA9V9	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QZAEK	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
QZUT9P	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
R2KJRN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
R4KNW4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
R6VQJ3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
RB43RL	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

RC2DYB	PowerPlex®					
	16,16.3	18,24	10,11	14,15		
2		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
RE4XP4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
REQJ8	Investigator® 24plex QS, Flex Plex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	11,12	18,29.2	7,8	8,11
	15,15	10	17	18	N/A	
RJF8WC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
RJPVGT	PowerPlex® 5C					
	16,16.3	18,24	10,11	14,15	12,14	--
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	--	7,8	8,11
	15	10	--	--	--	
RJX9LM	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
RMM6XL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

RR9G3N	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
RTLQX	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
RX39UJ	PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
RXUAEN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
T2G6VE	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
T6ZBFV	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
TAC4MN	GlobalFiler™ (TrueAllele)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

TADRCE	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
TCV8XE	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
TDHJ7D	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
TDNCER	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TEEJCA	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TFPAVL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TMZ66F	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

TTNVDH	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
2	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
U84GJ9	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
U93D4C	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
UAVALE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
UB4JGW	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
UH2BKK	Investigator® 24plex QS (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				
UH4UV2	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

UHV2B7	FlexPlex					
	16,16.3	18,24	10,11	NID	12,14	11,20
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	INC		11,12	18,29.2	7,8	8,11
	15	10	17	18		
UMFNPD	Investigator® 24plex QS and Go					
	16,16.3	18,24	10,11	14,15	12,14	N/A
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
UPEBXH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
UTWRR8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
V3P4EE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
V6CWYW	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
VCL76C	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

VD4CMZ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	NT
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
VWL7HV	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	NT
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	NT	NT	18,29.2	7,8	8,11
	15	10	NT	NT	NT	
VXZZN3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
WDCQ9M	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WDTWLQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WEK4QN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WH6WK4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		

TABLE 2

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

Item 2 - STR Results

WM7RXD	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WUF9EK	GlobalFiler™ Direct (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WXRQ4B	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
X67823	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
X6DLWW	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
X6X7U2	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
X7NEKJ	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 2 - STR Results

X7P6WU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
X8CCVQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
X8YCX2	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
X9C4QH	GlobalFiler™ Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XA9JZU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
XFUE2X	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
XHQNH8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

XN7EUN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XQMDGC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XUC63L	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
XWKDAK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XYXT8K	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Y2G6LG	Identifiler®, PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
Y2MCU4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		

TABLE 2

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

Item 2 - STR Results

YBF2W6	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
YHBRVE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
YKPF36	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
YM3YC3	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
YMFLNA	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
2	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
YP4XMF	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
YPR8JH	GlobalFiler™ Express					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 2 - STR Results

YRHYXE	GlobalFiler™ Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
YT2H9D	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Z2BCZY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
Z2RNGH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Z3K8MD	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
Z3VQYN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Z6HM39	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

Z6RMZB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ZA4MBU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ZBRJA4	Identifiler® Plus					
		18,24		14,15	12,14	
2	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
ZLD7TC	GlobalFiler™ Express (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ZLW4ZV	PowerPlex® Fusion 6C Direct					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
ZPDEZ8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ZVAVXK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
2	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 2 - STR Results

ZZ8JBL	ESI 17 Fast					
	16,16.3	18,24	10,11	14,15		
2		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					

TABLE 2

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

Item 3 - STR Results

23WDDM	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
263XY2	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
2794Y3	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
2998HJ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
2AZEF2	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,15,16	12,14,16	17,18,21	8,12,13	9,12,13,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
2CREZ6	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
2CZMKC	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,32.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26		2	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

2EJGTR	PowerPlex® Fusion 5C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17	10				
2J6HMK	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
2PWKWC	GlobalFiler™ (STRmix v2.6.2)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
2QDXF8	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
2TD22A	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
32UQU9	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
33GGP7	PowerPlex® Fusion 6C (STRmix 2.7.0)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

377KNK	Investigator® 24plex (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
38HFAC	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
393JFA	PowerPlex® 21 (STRmix v2.7.0)					
	11,16,16.3,18.3	17,18,22,24		14,15,18	10,12,13,14	10,11,20
3	8,11	11,12,14,16		17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17					
3BXUUC	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	-----
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	-----	-----	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	-----	-----	2	
3BZK42	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
3KJ9EE	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
3LFMAY	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

3MW7GW	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	[17],18,[22],24	10,11,[12]	14,15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,[16]	12,14,16	17,[18],21	8,12,[13]	9,12,[14]
	16,17,18,[19]	12.2,13,15	28,[30],31.2,[33.2]	15,16	X,Y	11,[12]
	[19],20,[21],26	7,[9],[12],14	11,12,[13],[14]	[16],18,[28.2],29.2	[6],7,8	8,11
	15,[16],[17]	10	17	18		
3V9C4M	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
3WVJ46	GlobalFiler™ (GeneMapper ID-X v 1.2)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
3ZJTR	GlobalFiler™					
	[11],16,16.3,[18.3]	17,18,[22],24	10,11,[12]	14,15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,[16]	12,14,16	17,[18],21	8,12,[13]	9,12,[14]
	16,[17],18,[19]	12.2,13,15	28,31.2,[33.2]	15,16	X,[Y]	11,[12]
	[19],20,[21],26			[16],18,[28.2],29.2	[6],7,[8]	8,11
	15,[16],[17]	10			2	
49AXNJ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4CLV7D	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4EXCWY	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

4JQML3	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
4K77XR	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4LTJ9C	GlobalFiler™ (STRmix 2.4)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4Q3UY7	PowerPlex® 21 (STRMix v2.8)					
	11,16,16.3,18.3	17,18,22,24		14,15,18	10,12,13,14	10,11,20
3	8,11	11,12,14,16		17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17					
4Q4HHW	PowerPlex® Fusion 5C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17	10				
4TCLFE	GlobalFiler™ (STRmix 2.4)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4W7U83	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

4YAQH6	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4ZLET4	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
62B3N6	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
66Z8T9	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
6H3YB7	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
6HKR9V	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
6JACKT	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

6M3UH2	homemade multiplex					
	11,16,16.3,18.3		10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,14
	16,17,18,19		28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17					
6NQDZZ	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
6PYXFN	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
6PZE68	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
6XYT7L	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
6Y86MM	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
6ZKR44	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

7262L4	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
73ZLBN	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7684AJ	Investigator® 24plex QS (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
7773VD	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
78AYV8	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7928UB	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7AY7F6	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

7KYWYQ	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7N9R63	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7UDNN3	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
7VGP28	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7XFPCY	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
7YFU27	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
834HG7	Investigator® 24plex QS (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

83EKRH	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
86F78W	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
89WDP6	GlobalFiler™ (Bullet Proof Sentry)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
8FQWFY	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
8LG3DA	Identifiler® Plus					
		[17],18,[22],24		14,15,[18]	10,12,13,14	
3	8,11	11,12,14,16			8,12,[13]	9,12,[14]
	16,17,18,19	12.2,13,15	28,[30],31.2,[33.2]		X,Y	11,[12]
	[19],20,[21],26				[6],7,8	8,11
	15,[16],[17]					
8ME7DC	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
8PDU7E	Investigator® 24plex QS (TrueAllele)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

8THA2P	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
8UTEED	PowerPlex®					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26,[27]			16,18,28.2,29.2	6,7,8	
	15,16,17					
8XGGUY	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
8YYZ2W	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
949TD8	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9ANV2Q	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9DCQEP	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

9DXC8T	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,INC	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
9EHTT3	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9FAQ3U	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9KMK77	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
9N4WWV	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9T96EJ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9XBMNY	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

9Y4N32	GlobalFiler™ (STRmix v2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
9YNR3T	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
A27V8Y	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
A4Z3RG	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
A4ZXJZ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
AD8PRU	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
AK76RA	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

AKYTJY	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
AN86UT	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
AT4ZJ8	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
ATCYY3	GlobalFiler™ (BulletProof Sentry)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
ATHDY4	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
ATZAKB	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
AU6MFX	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

AVJ24L	GlobalFiler™ (STRmix v 2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
AYJBAH	GlobalFiler™ (STRmix v2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	NT
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	NT	NT	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	NT	NT	2	
B4EN34	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
B89H8D	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	16,17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	10,11,12,13,14	
3	8,10,11,12	10,11,12,13,14,15,16	11,12,13,14,15,16	16,17,18,20,21	7,8,11,12,13	8,9,11,12,13,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	27,28,29,30,30.2,31.2,32.2,33.2	14,15,16,17	X,Y	10,11,12
	18,19,20,21,25,26			16,18,28.2,29.2	6,7,8	8,10,11
	14,15,16,17	10			2	
B9D3QT	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
BGAV6R	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
BJCYUU	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

BMLRB3	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
BPFTTH	GlobalFiler™ (STRMIX)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
BW8X4Z	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
BZXJ9F	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
C7TF26	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
CCJLZ2	PowerPlex® ESI-17 FAST					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26			16,18,28.2,29.2	6,7,8	
	15,16,17					

TABLE 2

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

Item 3 - STR Results

CGZP4V	GlobalFiler™ (STRmix)					
	11,15,16,16.3,18.3	16,17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	10,11,12,13,14	
3	8,10,11	11,12,13,14,16	11,12,13,14,15,16	17,18,20,21	8,11,12,13	9,12,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	27,28,29,30,30.2,31.2,32.2,33.2	14,15,16	X,Y	10,11,12
	19,20,21,25,26			16,17,18,27.2,28.2,29.2	6,7,8	8,11
	14,15,16,17	9,10			2	
CHP9YW	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
CL8KPL	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
CUQ4JR	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
CY7TQ8	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
CZYQAZ	Identifiler® AmpFLSTR™ Identifiler™ Plus PCR Amplification Kit					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					

TABLE 2

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

Item 3 - STR Results

D2XVZU	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
D3QWEW	GlobalFiler™ (STRmix v2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
D4TUFY	GlobalFiler™, MiniFiler™ (STRmix™)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
D4UTKT	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
D6K2JW	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
D6PDKY	Investigator® 24plex QS (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
DBU6RJ	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

DFP7H6	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
DNWQWU	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
DRGH7B	Investigator® 24plex QS (STRmix v 2.9.1)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
DWRQA2	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
DX8U7D	Investigator® 24plex QS (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
DX8ZLL	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
DY9TNE	GlobalFiler™					
	11,16,16.3,[18.3]	17,18,22,24	10,11,[12]	14,15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,[16]	12,14,16	17,[18],21	8,[12],[13]	9,[12],[14]
	16,17,18,[19]	12.2,13,15	28,[30],31.2,[33.2]	15,[16]	X,[Y]	11,[12]
	19,20,21,26			[16],18,[28.2],29.2	[6],7,[8]	8,11
	15,[16],[17]	10			2	

TABLE 2

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

Item 3 - STR Results

DYFABY	GlobalFiler™ (STRmix)					
	11,14,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14,15	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2,30.2	6,7,8	8,11
	15,16,17	10			2	
E8MB3D	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
EDJQAQ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
EKLP2F	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
ELMATV	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
EVKLYC	GlobalFiler™					
	[11],16,16.3,[18.3]	17,18,22,24	10,[11],[12]	14,15,[18]	10,12,13,14	
3	8,11	11,12,14,[16]	12,14,16	17,[18],21	8,12,[13]	9,12,[14]
	16,[17],18,[19]	12.2,13,15	28,[30],31.2,[33.2]	15,[16]	X,[Y]	11,[12]
	19,20,[21],26			16,18,28.2,29.2	[6],7,8	8,11
	15,[16],[17]	10			2	
F27ZY3	GlobalFiler™ (STRmix v. 2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

FCA7YW	GlobalFiler™ (STRmix v 2.4)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
FF6RPY	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
FLP87P	NGM SElect (STR mix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,13,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26			16,18,28.2,29.2	6,7,8	
	15,16,17					
FMKFGF	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
FUGELW	GlobalFiler™, MiniFiler (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
FXQLE3	GlobalFiler™ (STRmix 2.4)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
FYCE4Q	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	N/A
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	N/A	N/A	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	N/A	N/A	N/A	

TABLE 2

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

Item 3 - STR Results

G87G8M	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
GDFWGB	GlobalFiler™ (STRmix v2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
GELDQM	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
GJDWAK	PowerPlex® Fusion 6C (STRmix)					
	(11),16,16.3,(18.3)	(17),18,(22),24	10,11,(12)	14,15,(18)	(10),12,(13),14	
3	8,11	(11),12,14,(16)	12,14,16	17,(18),21	8,12,(13)	9,12,(14)
	16,(17),18,(19)	12.2,13,15	28,(30),31.2,(33.2)	15,16	X,Y	11,(12)
	(19),20,(21),26	7,(9),(12),14	11,12,(13),(14)	(16),18,(28.2),29.2	(6),7,8	8,11
	15,(16),(17)	10	17	18		
GNC4CV	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
GXPBMB	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
GXUPXQ	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

GYUHF	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	-
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	-	-	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	-	-	2	
H4JCQN	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
H4JG9J	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,[12]
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
H7H3CG	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,[12]	14,15,[18]	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,[18],21	8,12,[13]	9,[12],[14]
	16,17,18,19	12.2,13,15	28,30,31.2,[33.2]	15,16	X,[Y]	11,[12]
	19,20,21,26	7,9,12,14	11,12,13,[14]	16,18,28.2,29.2	[6],7,8	8,11
	15,[16],[17]	10	17	18		
H96LDE	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
HCF8WE	PowerPlex® Fusion 5C					
	11,16,16.3,18.3	[17],18,[22],24	10,[11,12]	[14],15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,16	12,14,16	[17,18],21	8,[12,13]	9,12,[14]
	16,[17],18,[19]	12.2,13,15	28,30,31.2,33.2	15,[16]	X,[Y]	11,[12]
	[19],20,[21],26	7,9,[12],14	11,12,[13],14		[6],7,[8]	8,11
	15,[16,17]	10				
HJTFTU	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

HKMYZP	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
HQRVNV	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
HQW8HR	PowerPlex® Fusion 6C (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
HRDBCY	GlobalFiler™ (GeneMapper ID-X 1.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
HRPBVY	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
HRTG2P	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
HYBY96	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	16,17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	9,10,11,12,13,14	NT
3	7,8,10,11	10,11,12,13,14,15,16	11,12,13,14,15,16	16,17,18,20,21	7,8,11,12,13	8,9,11,12,13,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	27,28,29,30,30.2,31.2,32.2,33.2	14,15,16,17	X,Y	10,11,12
	18,19,20,21,25,26	NT	NT	16,18,28.2,29.2	5,6,7,8	8,10,11
	14,15,16,17	10	NT	NT	2	

TABLE 2

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

Item 3 - STR Results

HZMLUQ		GlobalFiler™ (STRmix)					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
		15,16,17	10			2	
J4B3UV		PowerPlex® Fusion 5C (STRmix)					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
		15,16,17	10				
J6ZDKN		GlobalFiler™ (STRmix)					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
		15,16,17	10			2	
J7NKFY		GlobalFiler™ (STRmix 2.4)					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,11,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
		15,16,17	10			2	
J9Y32Q		GlobalFiler™ (STRmix)					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
		15,16,17	10			2	
JD8RWJ		GlobalFiler™					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
		15,16,17	10			2	
JERUDY		GlobalFiler™					
		11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3		8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
		16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
		19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
		15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

JGDKGN	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
JJUHHE	GlobalFiler™ (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
JKWJ2X	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
JR8EJE	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	N/A
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	N/A	N/A	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	N/A	N/A	N/A	
JR9RFD	PowerPlex® Fusion 6C (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
JTTHD6	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
JTYM7A	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

JUT7HN	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
JVE67T	PowerPlex® Fusion 5C (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17	10				
JZ977L	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,[12]	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
JZJGNZ	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
JZTMJ4	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
K9QM2U	GlobalFiler™ (eDNA Bullet Proof)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
KB78KB	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

KENLNC	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
KK7CZZ	PowerPlex® DNA-17					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26			16,18,28.2,29.2	6,7,8	
	15,16,17					
KMT976	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
KN4ZDZ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
KQF9WR	PowerPlex® Fusion 5C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17	10				
KTF2H6	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
KTF46N	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

KTKVJ6	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
KXZB2A	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
KZMV38	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
LAT3J6	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	NT
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	NT	NT	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	NT	NT	NT	
LBCQ6L	GlobalFiler™ (STRmix V2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
LBMXQ2	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
LHTD6G	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

LJG4K3	GlobalFiler™ (STRmix v2.5)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
LPVBPE	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,[Y]	11,[12]
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,[16,17]	10			2	
LQG8QZ	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
LVAE63	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
LVKU9W	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	-
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	-	-	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	-	-	2	
LY4W2N	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
LYRF82	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

M2UYTD	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
M3RZ2Q	PowerPlex® 21 (STRmix v2.7)					
	11,16,16.3,18.3	17,18,22,24		14,15,18	10,12,13,14	10,11,20
3	8,11	11,12,14,16		17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17					
M7NTQE	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
MBAE9G	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
MGWBL7	GlobalFiler™ (STRmix v2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
MK8BJ6	Investigator® 24plex QS (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
MPWX9J	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

MTPPNA	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
MU4YYA	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	16,17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	10,11,12,13,14	NT
3	7,8,10,11	10,11,12,13,14,15,16	11,12,13,14,15,16	16,17,18,20,21	7,8,11,12,13	8,9,11,12,13,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	27,28,29,30,30.2,31.2,32.2,33.2	14,15,16,17	X,Y	10,11,12
	18,19,20,21,25,26	NT	NT	16,18,28.2,29.2	6,7,8	8,10,11
	14,15,16,17	10	NT	NT	2	
MYPERL	GlobalFiler™ (STRmix)					
	11,15,16,16.3,18.3	17,18,22,23,24	10,11,12	13,14,15,18	10,12,13,14	
3	8,10,11	11,12,13,14,16	12,13,14,16	17,18,20,21	8,11,12,13	9,12,14
	16,17,18,19	12,12.2,13,14,15	28,30,31.2,33.2	14,15,16	X,Y	10,11,12
	19,20,21,25,26			16,17,18,28.2,29.2	6,7,8	8,11
	14,15,16,17	10			2	
N7PZNF	GlobalFiler™ (DNA view)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
N7V24N	GlobalFiler™ (STRmix V2.5.11)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
N8H2AH	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
N8ZX2X	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

NB6HT4	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,[12]
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
NDBTZF	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
NFM3FB	PowerPlex® Fusion 6c					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
NKZQ62	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
NRXFNQ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,15,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			15.2,16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
NV94RA	PowerPlex® Fusion 6C (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
NW94XG	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					

TABLE 2

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

Item 3 - STR Results

NYEKBE	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,[18],21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,[12]
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,[16],[17]	10			2	
NYFQXK	GlobalFiler™, MiniFiler (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
P3CV7J	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,13,14
	16,17,18,19	12.2,13,15	28,30,31.2,32.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
P3HVGK	GlobalFiler™ (STRmix)					
	11,15,16,16.3,17.3,18.3	17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	10,11,12,13,14	
3	8,10,11	10,11,12,13,14,15,16	11,12,13,14,15,16	16,17,18,20,21	8,11,12,13	8,9,11,12,14
	15,16,17,18,19	11.2,12,12.2,13,15	27,28,30,30.2,31.2,33.2	14,15,16	X,Y	10,11,12
	18,19,20,21,25,26			16,17,18,28.2,29.2	6,7,8	8,11
	14,15,16,17	10			2	
P76PGK	GlobalFiler™ (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PA7QLN	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

PBLUC9	PowerPlex® Fusion 5C					
	[11],16,16.3,[18.3]	17,18,[22],24	10,11,[12]	14,15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,16	12,14,16	[17,18],21	8,[12,13]	9,12,[14]
	16,17,18,[19]	12.2,13,15	[28,30],31.2,[33.2]	15,[16]	X,Y	11,[12]
	[19],20,[21,26]	7,9,12,14	11,12,[13,14]		[6],7,[8]	8,[11]
	15,[16,17]	10				
PBYBKF	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	N/A
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	N/A	N/A	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	N/A	N/A	N/A	
PCFKF3	Investigator® 24plex (STRmix)					
	[11],16,16.3,[18.3]	[17],18,[22],24	10,11,[12]	14,15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,[16]	12,14,16	17,[18],21	8,12,[13]	9,12,[14]
	16,[17],18,[19]	12.2,13,15	28,[30],31.2,[33.2]	15,[16]	X,Y	11,[12]
	[19],20,[21],26			[16],18,[28.2],29.2	[6],7,8	8,11
	15,[16],[17]	10				
PG4K8N	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PK86E9	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	N/A
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	N/A	N/A	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	N/A	N/A	N/A	
PP9FYU	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
PQ8FN8	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

PRUF2V	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PTANEQ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PUJN7Q	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PVW8D3	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PVYY7J	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PXUE2E	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
PZFAKL	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

Q4FHWN	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
Q6DDLQ	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
Q7TEQD	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,32.2,33.2	15,16	X,Y	11,12
	19,20,21,26		2	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
QBGWCX	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
QCLJL3	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
QE3JBC	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
QECQAY	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

QGJV3M	PowerPlex® 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
QLWP4D	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
QQ3HQG	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
QRKDFB	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
QWA9V9	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
QZAEK	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
QZUT9P	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

R2KJRN	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
R4KNW4	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
R6VQJ3	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
RB43RL	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
RC2DYB	PowerPlex®					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26			16,18,28.2,29.2	6,7,8	
	15,16,17					
RE4XP4	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
REQJ8	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	N/A
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	N/A	N/A	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	N/A	N/A	N/A	

TABLE 2

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

Item 3 - STR Results

RJF8WC	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
RJPVGT	PowerPlex® 5C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	--
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	--	6,7,8	8,11
	15,16,17	10	--	--	--	
RJX9LM	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
RMM6XL	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
RR9G3N	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
RTLQX	PowerPlex® Fusion 6C (STRMix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
RX39UJ	PowerPlex® 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

RXUAEN	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
T2G6VE	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,{Y}	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
T6ZBFV	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
TAC4MN	GlobalFiler™ (TrueAllele)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
TADRCE	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13^	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
TCV8XE	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
TDHJ7D	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					

TABLE 2

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

Item 3 - STR Results

TDNCER	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
TEEJCA	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
TFPAVL	GlobalFiler™ (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
TMZ66F	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
TTNVDH	PowerPlex® 21 (STRMix)					
	11,16,16.3,18.3	17,18,22,24		14,15,18	10,12,13,14	10,11,20
3	8,11	11,12,14,16		17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17					
U84GJ9	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
U93D4C	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

UAVALE	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
UB4JGW	GlobalFiler™ (STRmix V2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
UH2BKK	Investigator® 24plex QS (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10				
UH4UV2	GlobalFiler™					
	11,16,16.3,(18.3)	(17),18,(22),24	10,11,(12)	(14),15,(18)	10,12,(13),14	
3	8,11	11,12,14,16	12,14,16	17,(18),21	8,(12),(13)	9,(12),(14)
	16,(17),18,(19)	12.2,13,15	28,(30),31.2,(33.2)	15,(16)	X,(Y)	11,(12)
	(19),20,21,26			(16),18,(28.2),29.2	(6),7,8	8,11
	15,(16),(17)	10			2	
UHV2B7	PowerPlex® Fusion 6C (STRmix)					
	[11],16,16.3,[18.3]	[17],18,[22],24	10,11,[12]	14,15,[18]	[10],12,[13],14	
3	8,11	[11],12,14,[16]	12,14,16	17,[18],21	8,12,[13]	9,12,[14]
	16,[17],18,[19]	12.2,13,15	28,[30],31.2,[33.2]	15,16	X,Y	11,[12]
	[19],20,[21],26	7,[9],[12],14	11,12,[13],[14]	[16],18,[28.2],29.2	[6],7,8	8,11
	15,[16],[17]	10	17	18		
UMFNPD	Investigator® 24plex QS					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	N/A
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2	15,16	X,Y	11,12
	19,20,21,26	N/A	N/A	16,28.2,29.2	7,8	8,11
	15,16,17	N/A	N/A	N/A	N/A	
UPEBXH	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,[12]	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

UTWRR8	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
V3P4EE	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
V6CWYW	GlobalFiler™ (STRmix v2.4.06)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
VCL76C	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,[12]	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
VD4CMZ	GlobalFiler™ (STRmix v.2.4)					
	11,16,16.3,18.3	16,17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	9,10,11,12,13,14	NT
3	7,8,10,11,12	10,11,12,13,14,15,16	11,12,13,14,15,16	16,17,18,20,21	7,8,11,12,13	8,9,11,12,13,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	27,28,29,30,30.2,31.2,32.2,33.2	14,15,16,17	X,Y	10,11,12
	18,19,20,21,25,26	NT	NT	16,18,28.2,29.2	5,6,7,8	7,8,10,11
	14,15,16,17	10	NT	NT	2	
WL7HV	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	NT
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18	NT	
VXZZN3	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

WDTWLQ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
WEK4QN	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
WH6WK4	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
WM7RXD	GlobalFiler™ (STRmix v.2.8)					
	11,15,16,16.3,17.3,18.3	16,17,18,22,23,24	9,10,11,12	13,14,15,18	10,11,12,13,14	
3	7,8,10,11	11,12,13,14,16	11,12,13,14,15,16	17,18,20,21	8,11,12,13	8,9,12,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	28,30,30.2,31.2,33.2	14,15,16	X,Y	10,11,12
	19,20,21,25,26			16,17,18,28.2,29.2	6,7,8	8,11,12
	14,15,16,17	10			2	
WUF9EK	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,15,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,29,30,31.2,32.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
WXRQ4B	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

X67823	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
X6DLWW	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
X6X7U2	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
X7NEKJ	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
X7P6WU	PowerPlex® Fusion 6C (STRmix version 2.8.0)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
X8CCVQ	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
X8YCX2	PowerPlex® Fusion 6C (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3 - STR Results

X9C4QH	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14,15	
3	8,11,12	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,32.2,33.2	15,16,17	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
XA9JZU	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
XFUE2X	PowerPlex® Fusion 6C (STRMIX 2.8)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
XHQNH8	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
XN7EUN	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
XQMDGC	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,[12],[13]	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,[16]	X,[Y]	11,[12]
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,[16],[17]	10			2	
XUC63L	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

XWKDAK	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
XYXT8K	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
Y2G6LG	PowerPlex® 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19^	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6^,7,8	8,11
	15,16,17	10	17	18		
Y2MCU4	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
YBF2W6	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
YHBRVE	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
YKPF36	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

YM3YC3	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					
YMFLNA	PowerPlex® 21 (STRmix v2.8)					
	11,16,16.3,18.3	17,18,22,24		14,15,18	10,12,13,14	10,11,20
3	8,11	11,12,14,16		17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2		X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14		6,7,8	8,11
	15,16,17					
YP4XMF	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
YPR8JH	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
YT2H9D	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11,[12]	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
Z2BCZY	PowerPlex® Fusion 6C (STRMix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
Z2RNGH	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12,2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

Z3K8MD	PowerPlex® Fusion 6C					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
Z3VQYN	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
Z6HM39	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
Z6RMZB	GlobalFiler™ (STRmix)					
	11,15,16,16.3,17.3,18.3	16,17,18,21,22,23,24	9,10,11,12	13,14,15,17,18	10,11,12,13,14	
3	8,10,11,12	11,12,13,14,15,16	12,13,14,15,16	16,17,18,20,21	8,11,12,13	9,11,12,14
	15,16,17,18,19	11.2,12,12.2,13,14,15	27,28,29,30,30.2,31.2,32.2,33.2	14,15,16	X,Y	10,11,12
	19,20,21,25,26			16,17,18,27.2,28.2,29.2	6,7,8	8,11
	14,15,16,17	10			2	
ZA4MBU	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
ZBRJA4	Identifiler® Plus					
		17,18,22,24		14,15,18	10,12,13,14	
3	8,11	11,12,14,16			8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2		X,X,Y	11,12
	19,20,21,26				6,7,8	8,11
	15,16,17					

TABLE 2

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

Item 3 - STR Results

ZLD7TC	GlobalFiler™ (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
ZLW4ZV	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
ZPDEZ8	GlobalFiler™ (STRmix)					
	10,11,15,16,16.3,17.3,18.3	17,18,22,23,24	9,10,11,12	13,14,15,18	10,11,12,13,14	
3	8,10,11	10,11,12,13,14,15,16	11,12,13,14,15,16	16,17,18,20,21	8,11,12,13	9,12,13,14
	15,16,17,18,19	12,12.2,13,14,15	27,28,29,30,31.2,32.2,33.2	14,15,16	X,Y	10,11,12
	19,20,21,25,26			16,18,28.2,29.2	6,7,8	8,11
	14,15,16,17	10			2	
ZVAVXK	GlobalFiler™ (STRmix 2.4)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	14,15,16	X,Y	10,11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	14,15,16,17	10			2	
ZZ8JBL	ESI 17 Fast					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18		
3		11,12,14,16	12,14,16	17,18,21		9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	
	19,20,21,26			16,18,28.2,29.2	6,7,8	
	15,16,17					

TABLE 2

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

Item 3e - STR Results

Item	PowerPlex® Fusion 6C (STRmix)					
L4CAW2	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3e	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		
P6QAYC	PowerPlex® Fusion 6C (STRmix)					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
3e	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26	7,9,12,14	11,12,13,14	16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10	17	18		

TABLE 2

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

Item 3sp - STR Results

L4CAW2 PowerPlex® Fusion 6C (STRmix)

3sp	

P6QAYC PowerPlex® Fusion 6C (STRmix)

	11,16,16.3,18.3	18,24	10,11,12	14,15	12,13	
3sp	8,11	11,12,14,16	16	18,21	8,12	9,12,14
	16,17,18	13	28,31.2	15	X,Y	11
	20,26	7,9,12,14	11	18	6,7,8	NR
	15,16,17	10	NR	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

23WDDM	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
263XY2	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
2794Y3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
2998HJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2AZEF2	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2CREZ6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2CZMKC	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14,15	
4	8,9,11	10,12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

2EJGTR	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				
2J6HMK	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
2PWKWC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2QDXF8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
2TD22A	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,13,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
32UQU9	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
33GGP7	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

377KNK	PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
38HFAC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
393JFA	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
4	8,11	12,14		17,21	8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
3BXUUC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	-----
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	-----	-----	18,29.2	7,8	8,11
	15,15	10	-----	-----	2	
3BZK42	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
3KJ9EE	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
3LFMAY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

3MW7GW	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
3V9C4M	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
3WVJ46	GlobalFiler™ (GeneMapper ID-X v 1.2)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
3ZJTFR	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
49AXNJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
4CLV7D	GlobalFiler™					
	11,16,16.3,18.3	17,18,22,24	10,11,12	14,15,18	10,12,13,14	
4	8,11	11,12,14,16	12,14,16	17,18,21	8,12,13	9,12,14
	16,17,18,19	12.2,13,15	28,30,31.2,33.2	15,16	X,Y	11,12
	19,20,21,26			16,18,28.2,29.2	6,7,8	8,11
	15,16,17	10			2	
4EXCWY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		

TABLE 2

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

Item 4 - STR Results

4JQML3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
4K77XR	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
4LTJ9C	GlobalFiler™ (STRmix 2.4)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4Q3UY7	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
4	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
4Q4HHW	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
4TCLFE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4W7U83	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

4YAQH6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
4ZLET4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
62B3N6	GlobalFiler™, MiniFiler (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
66Z8T9	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6H3YB7	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6HKR9V	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
6JACKT	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

6M3UH2	homemade multiplex					
	16,16.3		10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18		28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	8,11
	15,15					
6NQDZZ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6PYXFN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
6PZE68	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6XYT7L	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
6Y86MM	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
6ZKR44	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

7262L4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
73ZLBN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7684AJ	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
7773VD	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
78AYV8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7928UB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7AY7F6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

7KYWYQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7N9R63	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7UDNN3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
7VGP28	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7XFCPY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
7YFU27	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
834HG7	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				

TABLE 2

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

Item 4 - STR Results

83EKRH	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
86F78W	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
89WDP6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
8FQWFY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
8LG3DA	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
8ME7DC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
8PDU7E	Investigator® 24plex QS (TrueAllele)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				

TABLE 2

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

Item 4 - STR Results

8THA2P	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
8UTEED	PowerPlex®					
	[13],[15],16,16.3	18,24	10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
8XGGUY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
8YYZ2W	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
949TD8	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
9ANV2Q	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
9DCQEP	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

9DXC8T	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
9EHTT3	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9FAQ3U	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9KMK77	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
9N4WWV	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9T96EJ	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9XBMNY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

9Y4N32	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
9YNR3T	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
A27V8Y	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
A4Z3RG	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
A4ZXJZ	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14,15	
4	8,11	10,12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AD8PRU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AK76RA	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

AKYTJY	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AN86UT	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
AT4ZJ8	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
ATCYY3	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ATHDY4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ATZAKB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
AU6MFX	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

AVJ24L	GlobalFiler™ (STRmix v 2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
AJYBAH	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	NT
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
B4EN34	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
B89H8D	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
B9D3QT	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BGAV6R	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BJCYUU	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

BMLRB3	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
BPFTTH	GlobalFiler™ (STRMIX)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
BW8X4Z	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
BZXJ9F	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
C7TF26	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
CCJLZ2	PowerPlex® ESI-17 FAST					
	16,16.3	18,24	10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
CGZP4V	GlobalFiler™					
	15,16,16.3	17,18,23,24	9,10,11	13,14,15	11,12,13,14	
4	7,8,10,11	11,12,13,14	11,12,15,16	16,17,20,21	8,11,12	8,9,11,12
	15,16,17,18	11,2,12,2,14,15	27,28,30,2,31.2	14,15,16,17	X,Y	10,11
	19,20,25,26			17,17.2,18,28.2,29,29.2	7,8	8,11
	14,15	10			2	

TABLE 2

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

Item 4 - STR Results

CHP9YW	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
CL8KPL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
CUQ4JR	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
CY7TQ8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
CZYQAZ	Identifiler® AmpFLSTR™ Identifiler™ Plus PCR Amplification Kit					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11
	20,26				7,8	8,11
	15					
D2XVZU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
D3QWEW	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

D4TUFY	GlobalFiler™ (STRmix™)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D4UTKT	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D6K2JW	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
D6PDKY	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				
DBU6RJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
DFP7H6	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
DNWQWU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

DRGH7B	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
DWRQA2	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
DX8U7D	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
DX8ZLL	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
DY9TNE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
DYFABY	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14,15	
4	8,11,12	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
E8MB3D	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

EDJQAQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
EKLP2F	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
ELMATV	GlobalFiler™, MiniFiler					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
EVKLYC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
F27ZY3	GlobalFiler™ (STRmix v. 2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
FCA7YW	GlobalFiler™ (STRmix v 2.4)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
FF6RPY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

FLP87P	NGM Select					
	16,16.3	18,24	10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
FMKFGE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4		12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
FUGELW	GlobalFiler™, MiniFiler (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4		12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
FXQLE3	GlobalFiler™ (STRmix 2.4)					
	16,16.3	18,24	10,11	14,15	12,14	
4		12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
FYCE4Q	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	N/A
4		12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
G87G8M	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4		12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
GDFWGB	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	
4		12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

GELDQM	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
GJDWAK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
GNC4CV	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
GXPBMB	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
GXUPXQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
GYUHFx	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	-
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	-	-	18,29.2	7,8	8,11
	15,15	10	-	-	2	
H4JCQN	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

H4JG9J	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
H7H3CG	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
H96LDE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
HCF8WE	PowerPlex® Fusion 5C					
	[16],16.3	18,24	[10],11	[14],15	12,[14]	
4	8,11	[12],14	12,[16]	17,21	8,12	9,12
	[16],18	12.2,15	28,31.2	15,16	X,[Y]	11
	20,26	7,14	11,12		7,8	8,[11]
	15	10				
HJTFTU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
HKMYZP	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
HQRVNV	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

HQW8HR	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
HRDBCY	GlobalFiler™ (GeneMapper ID-X 1.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
HRPBVY	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
HRTG2P	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
HYBY96	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	NT
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
HZMLUQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
J4B3UV	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 4 - STR Results

J6ZDKN	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,13,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
J7NKFY	GlobalFiler™ (STRmix 2.4)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
J9Y32Q	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JD8RWJ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
JERUDY	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
JGDKGN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
JJUHHE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

JKWJ2X	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JR8EJE	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	N/A
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
JR9RFD	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
JTTHD6	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JTYM7A	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
JUT7HN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
JVE67T	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 4 - STR Results

JZ977L	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
JZJGNZ	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
JZTMJ4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
K9QM2U	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KB78KB	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KENLNC	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KK7CZZ	PowerPlex® DNA-17					
	16,16.3	18,24	10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					

TABLE 2

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

Item 4 - STR Results

KMT976	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KN4ZDZ	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
KQF9WR	PowerPlex® Fusion 5C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				
KTF2H6	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
KTF46N	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
KTKVJ6	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
KXZB2A	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

KZMV38	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
L4CAW2	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
LAT3J6	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	NT
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	NT	NT	18,29.2	7,8	8,11
	15	10	NT	NT	NT	
LBCQ6L	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
LBMXQ2	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
LHTD6G	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
LJG4K3	GlobalFiler™ (STRmix v2.5)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

LPVBPE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
LQG8QZ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
LVAE63	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
LVKU9W	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	-
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	-	-	18,29.2	7,8	8,11
	15	10	-	-	2	
LY4W2N	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
LYRF82	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
M2UYTD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

M3RZ2Q	PowerPlex® 21 (STRmix v2.7)					
	16,16.3	18,24		14,15	12,14	11,20
4	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
M7NTQE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
MBAE9G	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
MGWBL7	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
MK8BJ6	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
MPWX9J	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
MTPPNA	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

MU4YYA	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	NT
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	NT	NT	18,29.2	7,8	8,11
	15,15	10	NT	NT	2	
MYPERL	GlobalFiler™					
	15,16,16.3	17,18,23,24	9,10,11	13,14,15	11,12,13,14	
4	8,11	11,12,13,14	11,12,16	17,21	8,11,12	9,12
	15,16,17,18	11.2,12.2,14,15	27,28,30.2,31.2	14,15,16	X,Y	10,11
	19,20,25,26			17,18,28.2,29.2	7,8	8,11
	14,15	10			2	
N7PZNF	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
N7V24N	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
N8H2AH	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
N8ZX2X	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
NB6HT4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

NDBTZF	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
NFM3FB	PowerPlex® Fusion 6c					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
NKZQ62	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
NRXFNQ	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,13,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
NV94RA	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
NW94XG	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
NYEKBE	GlobalFiler™					
	16,[16.3]	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,[16]	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

NYFQXK	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
P3CV7J	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14,15	
	8,11	10,12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
P3HVGK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
P6QAYC	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
P76PGK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
PA7QLN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PBLUC9	PowerPlex® Fusion 5C					
	16,16.3	18,24	[10],11	14,15	12,14	
	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	[X],Y	11
	20,26	7,14	11,12		7,8	8,11
	15	10				

TABLE 2

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

Item 4 - STR Results

PBYBKF	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	N/A
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
PCFKF3	Investigator® 24plex (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15,15	10				
PG4K8N	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PK86E9	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	N/A
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	N/A	18,29.2	7,8	8,11
	15,15	10	N/A	N/A	N/A	
PP9FYU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
PQ8FN8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
PRUF2V	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2,30.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

PTANEQ	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PUJN7Q	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PVW8D3	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PVYY7J	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
PXUE2E	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
PZFAKL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
Q4FHWN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

Q6DDLQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Q7TEQD	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,13,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			17.2,18,29.2	7,8	8,11
	15	10			2	
QBGWCX	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QCLJL3	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
QE3JBC	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
QECQAY	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QGJV3M	PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

QLWP4D	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
QQ3HQG	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QRKDFB	Investigator® 24plex					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10				
QWA9V9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
QZAEK	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
QZUT9P	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
R2KJRN	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		

TABLE 2

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

Item 4 - STR Results

R4KNW4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
R6VQJ3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
RB43RL	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
RC2DYB	PowerPlex®					
	16,16.3	18,24	10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					
RE4XP4	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
REQJ8	Investigator® 24plex QS, Flex Plex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	11,12	18,29.2	7,8	8,11
	15,15	10	17	18	N/A	
RJF8WC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

RJPVGT	PowerPlex® 5C					
	16,16.3	18,24	10,11	14,15	12,14	--
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	--	7,8	8,11
	15	10	--	--	--	
RJX9LM	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
RMM6XL	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
RR9G3N	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
RTLQX	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
RX39UJ	PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
RXUAEN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

T2G6VE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
T6ZBFV	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
TAC4MN	GlobalFiler™ (TrueAllele)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TADRCE	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
TCV8XE	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TDHJ7D	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
TDNCER	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	16.3,17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

TEEJCA	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TFPAVL	GlobalFiler™ (STRMix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
TMZ66F	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
TTNVDH	PowerPlex® 21 (STRMix)					
	16,16.3	18,24		14,15	12,14	11,20
4	8,11	12,14		17,21	8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					
U84GJ9	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
U93D4C	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
UAVALE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

UB4JGW	GlobalFiler™ (STRmix V2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
UH2BKK	Investigator® 24plex QS					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10				
UH4UV2	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
UHV2B7	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
UMFNPD	Investigator® 24plex QS, 27flexplex					
	16,16.3	18,24	10,11	14,15	12,14	11,20
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	N/A	11,12	18,29.2	7,8	8,11
	15,15	10	17	18	N/A	
UPEBXH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
UTWRR8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

V3P4EE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
V6CWYW	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
VCL76C	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
VD4CMZ	GlobalFiler™ (STRmix v.2.4)					
	16,16.3	17,18,23,24	9,10,11	13,14,15	11,12,13,14	NT
4	7,8,10,11	11,12,13,14	11,12,15,16	16,17,20,21	8,11,12	8,9,11,12
	15,16,17,18	11.2,12.2,14,15	27,28,30.2,31.2	14,15,16,17	X,Y	10,11
	19,20,25,26	NT	NT	18,29.2	6,7,8	8,10,11
	14,15	10	NT	NT	2	
VWL7HV	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	NT
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18	NT	
VXZZN3	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
WDTWLQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

WEK4QN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WH6WK4	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
WM7RXD	GlobalFiler™ (STRmix v 2.8)					
	15,16,16.3	17,18,23,24	9,10,11	13,14,15	11,12,13,14	
4	7,8,10,11	11,12,13,14	11,12,15,16	16,17,20,21	7,8,11,12	8,9,11,12
	15,16,17,18	11.2,12.2,14,15	27,28,29,30.2,31.2	14,15,16,17	X,Y	10,11
	19,20,25,26			17,17.2,18,28.2,29,29.2	7,8	8,10,11
	14,15	9,10			2	
WUF9EK	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16,17	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
WXRQ4B	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
X67823	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
X6DLWW	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

X6X7U2	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
X7NEKJ	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
X7P6WU	PowerPlex® Fusion 6C (STRmix version 2.8.0)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
X8CCVQ	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
X8YCX2	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
X9C4QH	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16,17	X,Y	11
	20,26,27			18,29.2	7,8	8,11
	15	10			2	
XA9JZU	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		

TABLE 2

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

Item 4 - STR Results

XFUE2X	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
XHQNH8	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XN7EUN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XQMDGC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XUC63L	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
XWKDAK	GlobalFiler™ (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
XYXT8K	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

Y2G6LG	PowerPlex® 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
Y2MCU4	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
YBF2W6	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
YHBRVE	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
YKPF36	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12,2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
YM3YC3	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
YMFLNA	PowerPlex® 21					
	16,16.3	18,24		14,15	12,14	11,20
4	8,11	12,14		17,21	8,12	9,12
	16,18	12,2,15	28,31.2		X,Y	11,11
	20,26	7,14	11,12		7,8	8,11
	15,15					

TABLE 2

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

Item 4 - STR Results

YP4XMF	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
YPR8JH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
YT2H9D	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Z2BCZY	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
Z2RNGH	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
Z3K8MD	PowerPlex® Fusion 6C					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15,15	10	17	18		
Z3VQYN	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	

TABLE 2

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

Item 4 - STR Results

Z6HM39	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
Z6RMZB	GlobalFiler™ (STRmix)					
	15,16,16.3	17,18,23,24	9,10,11	13,14,15	11,12,13,14	
4	7,8,10,11	11,12,13,14	11,12,15,16	16,17,20,21	7,8,11,12	8,9,11,12
	15,16,17,18	11.2,12.2,14,15	27,28,30.2,31.2	14,15,16,17	X,Y	10,11
	19,20,25,26			17,18,28.2,29,29.2	7,8	8,11,15
	14,15	9,10			2	
ZA4MBU	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ZBRJA4	Identifiler® Plus					
		18,24		14,15	12,14	
4	8,11	12,14			8,12	9,12
	16,18	12.2,15	28,31.2		X,Y	11,11
	20,26				7,8	8,11
	15,15					
ZLD7TC	GlobalFiler™					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26			18,29.2	7,8	8,11
	15	10			2	
ZLW4ZV	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11
	20,26	7,14	11,12	18,29.2	7,8	8,11
	15	10	17	18		
ZPDEZ8	GlobalFiler™					
	15,16,16.3	17,18,23,24	9,10,11	13,14,15	11,12,13,14	
4	7,8,10,11	11,12,13,14,15	11,12,15,16	16,17,20,21	8,11,12	9,11,12
	15,16,17,18	11.2,12.2,14,15	27,28,30.2,31.2	14,15,16,17	X,Y	10,11
	19,20,25,26			17,18,28.2,29.2	7,8	8,11
	14,15	10			2	

TABLE 2

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

Item 4 - STR Results

ZVAVXK	GlobalFiler™ (STRmix 2.4)					
	16,16.3	18,24	10,11	14,15	12,14	
4	8,11	12,14	12,16	17,21	8,12	9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	11,11
	20,26			18,29.2	7,8	8,11
	15,15	10			2	
ZZ8JBL	ESI 17 Fast					
	16,16.3	18,24	10,11	14,15		
4		12,14	12,16	17,21		9,12
	16,18	12.2,15	28,31.2	15,16	X,Y	
	20,26			18,29.2	7,8	
	15,15					

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

2794Y3	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
2CZMKC	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
2EJGTR	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
2J6HMK	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
377KNK	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18	20	9	11	
37AUN3	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
38HFAC	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
393JFA	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
3LFMAY	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18	20	9	11	
3V9C4M	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18	20	9	11	
48KWA2	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

49AXNJ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
4K77XR	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
4W7U83	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
62BZ37	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6H3YB7	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6NQDZZ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6XYT7L	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7262L4	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
73ZLBN	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
78AYV8	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
7928UB	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7AY7F6	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

7KYWYQ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
7VGP28	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7XFCPY	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7YFU27	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
834HG7	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
89WDP6	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
8FQWFY	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
8ME7DC	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
8PDU7E	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		no result	17.2		
							20		11
8XGGUY	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
8YYZ2W	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
9DCQEP	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
9FAQ3U	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
9KMK77	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9	11	
9N4WWW	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
A27V8Y	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9	11	
AD8PRU	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
AK76RA	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
AN86UT	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9	11	
ATCYY3	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
ATZAKB	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
AYJBAH	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
B4EN34	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
B89H8D	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

B9D3QT	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
BW8X4Z	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
CHP9YW	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
CUQ4JR	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
D6K2JW	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
D6PDKY	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DBU6RJ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DMYKCT	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DNWQWU	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DWRQA2	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DYFABY	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
EKLP2F	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

F3FXE6	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
FLP87P	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
FMKFGE	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
GNC4CV	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
GXPBMB	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
GXUPXQ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
H96LDE	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
HRDBCY	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
HRPBVY	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
HRTG2P	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
J6ZDKN	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
J9Y32Q	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

JD8RWJ	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20		16	17.2		
							20		11
JERUDY	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
JZ977L	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
JZJGNZ	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
KMT976	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
KTF2H6	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
LHTD6G	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
LVAE63	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
LY4W2N	PowerPlex® Y 23								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
LYRF82	Yfiler™								
2	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20		11	
M3RZ2Q	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
MBAE9G	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

MU4YYA	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
N8ZX2X									
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
NDBTZF	Yfiler™								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
NYEKBE	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
P6QAYC	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
PBLUC9	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
PCFKF3	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
PP9FYU	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
PUJN7Q	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
PVYY7J	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Q6DDLQ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Q7TEQD	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

QCJLJ3	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
QECQAY	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
QGJV3M	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
QRKDFB	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
QZUT9P	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
RE4XP4	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RJPVGT	PowerPlex® Y 23								
2	--	14	12,18	12	29	23	10	11	12
	14	10	11	20	--	16	17.2	--	27
	--	11	13	17	18	--	20	9	11
RR9G3N	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RUJ7RK	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RX39UJ	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
RXUAEN	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
T6ZBFV	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

TAC4MN	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
TFPAVL	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
UVALE	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UH2BKK	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UPEBXH	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UTWRR8	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
VCL76C	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
WL7HV	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
VXZZN3	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
WDTWLQ	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
WUF9EK	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
X7NEKJ	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 2 - YSTR Results

X8CCVQ	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
X8YCX2	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
XN7EUN	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
XQMDGC	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
XWKDAK	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
XYXT8K	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
YBF2W6	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
YKPF36	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
YP4XMF	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
YPR8JH	Yfiler™								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
YRHXYE	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
YT2H9D	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 2 - YSTR Results

Z2RNGH	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Z3K8MD	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Z3VQYN	Yfiler™ Plus								
2	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
ZA4MBU	PowerPlex® Y 23								
2		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 3 - YSTR Results

23WDDM	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
2794Y3	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
2CZMKC	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
2EJGTR	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
2J6HMK	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
377KNK	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
37AUN3	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
38HFAC	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
393JFA	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
3LFMAY	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
3V9C4M	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
48KWA2	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

49AXNJ	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
4K77XR	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
4W7U83	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6H3YB7	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6NQDZZ	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6XYT7L	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7262L4	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
73ZLBN	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
78AYV8	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
7928UB	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7AY7F6	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
7KYWYQ	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

7VGP28	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
7XFCPY	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
7YFU27	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
834HG7	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
89WDP6	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
8FQWFY	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
8ME7DC	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
8PDU7E	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
8XGGUY	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9		11
8YYZ2W	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
9DCQEP	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
9FAQ3U	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11

TABLE 3

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

Item 3 - YSTR Results

9KMK77	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
9N4WWW	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20		11	
A27V8Y	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
AD8PRU	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
AK76RA	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20		11	
AN86UT	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
ATCYY3	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
ATZAKB	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20		11	
AYJBAH	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
B4EN34	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20		11	
B89H8D	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
B9D3QT	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3 - YSTR Results

BW8X4Z	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
CHP9YW	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
CUQ4JR	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
D6K2JW	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
D6PDKY	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DBU6RJ	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DMYKCT	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DNWQWU	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DWRQA2	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
DYFABY	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
EKLP2F	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
F3FXE6	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

FLP87P	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
FMKFGF	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
GNC4CV	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
GXPBMB	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
GXUPXQ	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
H96LDE	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
HCF8WE	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
HRBCY	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
HRPBVY	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20		11	
HRTG2P	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
J6ZDKN	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
J9Y32Q	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

JD8RWJ	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
JERUDY	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
JZ977L	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
JZJGNZ	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9		11
KMT976	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
KTF2H6	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
LHTD6G	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9		11
LVAE63	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9		11
LY4W2N	PowerPlex® Y 23								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	20	9		11
LYRF82	Yfiler™								
3	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2			
						20			11
M3RZ2Q	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
MBAE9G	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

MU4YYA	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
N8ZX2X	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
NDBTZF	Yfiler™								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
NYEKBE	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
P6QAYC	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
PBLUC9	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
PCFKF3	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
PP9FYU	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
PUJN7Q	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
PVYY7J	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Q6DDLQ	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Q7TEQD	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

QCJLJ3	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
QECQAY	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
QGJV3M	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
QRKDFB	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
QZUT9P	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
RE4XP4	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RJPVGT	PowerPlex® Y 23								
3	--	14	12,18	12	29	23	10	11	12
	14	10	11	20	--	16	17.2	--	27
	--	11	13	17	18	--	20	9	11
RR9G3N	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RUJ7RK	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RX39UJ	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
RXUAEN	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
T6ZBFV	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 3 - YSTR Results

TAC4MN	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
TFPAVL	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
UVALE	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UH2BKK	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UPEBXH	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UTWRR8	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
VCL76C	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
WL7HV	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
VXZZN3	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
WDTWLQ	Yfiler™								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
WUF9EK	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
X7NEKJ	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 3 - YSTR Results

X8CCVQ	Yfiler™ Plus									
	3	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
X8YCX2	PowerPlex® Y 23									
	3		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		20	9		11
XN7EUN	Yfiler™									
	3		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
							20			11
XQMDGC	Yfiler™ Plus									
	3	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
XWKDAK	Yfiler™ Plus									
	3	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
XYXT8K	Yfiler™									
	3		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
							20			11
YBF2W6	PowerPlex® Y 23									
	3		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		20	9		11
YP4XMF	PowerPlex® Y 23									
	3		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		20	9		11
YPR8JH	Yfiler™									
	3		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
							20			11
YT2H9D	Yfiler™ Plus									
	3	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
Z2RNGH	Yfiler™ Plus									
	3	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
Z3K8MD	Yfiler™ Plus									
	3	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11

TABLE 3

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

Item 3 - YSTR Results

Z3VQYN	Yfiler™ Plus								
3	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
ZA4MBU	PowerPlex® Y 23								
3		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 4 - YSTR Results

23WDDM	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
2794Y3	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
2CZMKC	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
2EJGTR	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
2J6HMK	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
377KNK	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
37AUN3	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
38HFAC	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
393JFA	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
3BZK42	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
3LFMAY	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
3V9C4M	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 4 - YSTR Results

48KWA2	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
49AXNJ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
4K77XR	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
4W7U83	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6NQDZZ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
6XYT7L	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7262L4	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
73ZLBN	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
78AYV8	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
7928UB	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7AY7F6	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
7KYWYQ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 4 - YSTR Results

7VGP28	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7XFCPY	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
7YFU27	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
834HG7	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
86F78W	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
89WDP6	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
8ME7DC	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
8XGGUY	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
8YYZ2W	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
9DCQEP	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
9FAQ3U	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
9KMK77	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 4 - YSTR Results

9N4WWW	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
A27V8Y	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
AD8PRU	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
AK76RA	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
AN86UT	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
ATCY3	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
ATZAKB	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
AYJBAH	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
B4EN34	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
B89H8D	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
B9D3QT	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
BW8X4Z	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 4 - YSTR Results

CHP9YW	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
CUQ4JR	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
D6K2JW	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
D6PDKY	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
DBU6RJ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
DMYKCT	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
DNWQWU	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
DWRQA2	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
DYFABY	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
EKLP2F	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
F3FXE6	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	17	18	22	20		11	
FLP87P	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	

TABLE 3

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

Item 4 - YSTR Results

FMKFGF	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
GNC4CV	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
GXPBMB	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
GXUPXQ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
H96LDE	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
HCF8WE	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		20	9	11	
HRDBCY	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
HRPBVY	Yfiler™								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
						20		11	
HRTG2P	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
J6ZDKN	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
JD8RWJ	Yfiler™								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
						20		11	
JERUDY	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
JZ977L	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
JZJGNZ	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
KMT976	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
KTF2H6	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
LHTD6G	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
LVAE63	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
LY4W2N	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
LYRF82	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
							20		11
M3R2ZQ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
MU4YYA	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
N8ZX2X	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
NW94XG	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 4 - YSTR Results

NYEKBE	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
P6QAYC	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
PBLUC9	PowerPlex® Y 23									
	4		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		20	9		11
PCFKF3	Yfiler™									
	4		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		
							20			11
PP9FYU	PowerPlex® Y 23									
	4		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		20	9		11
PUJN7Q	Yfiler™									
	4		14	12,18	12	29	23	10	11	12
		14	10	11	20		16	17.2		
							20			11
PVYY7J	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
Q6DDLQ	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
Q7TEQD	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
QCLJL3	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
QE3JBC	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11
QECQAY	Yfiler™ Plus									
	4	36,38	14	12,18	12	29	23	10	11	12
		14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20			11

TABLE 3

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

Item 4 - YSTR Results

QGJV3M	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
QRKDFB	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
QZUT9P	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
RE4XP4	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RJPVGT	PowerPlex® Y 23								
4	--	14	12,18	12	29	23	10	11	12
	14	10	11	20	--	16	17.2	--	27
	--	11	13	17	18	--	20	9	11
RR9G3N	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RUJ7RK	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
RX39UJ	PowerPlex® Y 23								
4	14	12,18	12	29	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	20	9	11	
RXUAEN	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
T6ZBFV	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
TAC4MN	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
TDHJ7D	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 4 - YSTR Results

TFPAVL	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
UVALE	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UH2BKK	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UPEBXH	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
UTWRR8	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
VCL76C	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
VWL7HV	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11	NT	17	18	22	20	NT	11
VXZZN3	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
WDTWLQ	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
X7NEKJ	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
X8CCVQ	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
X8YCX2	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11

TABLE 3

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

Item 4 - YSTR Results

XN7EUN	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
XQMDGC	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
XWKDAK	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
XYXT8K	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
YBF2W6	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
YM3YC3	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
YP4XMF	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
YPR8JH	Yfiler™								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		
							20		11
YT2H9D	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Z2RNGH	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Z3K8MD	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11
Z3VQYN	Yfiler™ Plus								
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

TABLE 3

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

Item 4 - YSTR Results

ZA4MBU	PowerPlex® Y 23								
4		14	12,18	12	29	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		20	9	11
ZBRJA4									
4	36,38	14	12,18	12	29	23	10	11	12
	14	10	11	20	25	16	17.2	11	27
	37	11		17	18	22	20		11

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
QS1	D6PDKY	Q	Q	Q			Q		
	UH2BKK	Q	Q	Q			Q		
QS2	D6PDKY	S	S	S			S		
	UH2BKK	S	S	S			S		

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 5

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
23WDDM	No Interp	No Interp	No Interp	No Interp	4JQML3	Yes	No	Yes	Yes
263XY2	Yes	No	Yes	Yes	4K77XR	Yes	No	Yes	Yes
2794Y3	Yes	No	Yes	Yes	4LTJ9C	Yes	No	Yes	Yes
2998HJ	Yes	No	Yes	Yes	4Q3UY7	Yes	No	Yes	Yes
2AZEF2	Yes	No	Yes	Yes	4Q4HHW	Yes	No	Yes	Yes
2CREZ6	Yes	No	Yes	Yes	4TCLFE	Yes	No	Yes	Yes
2CZMKC	Yes	No	Yes	Yes	4W7U83	Yes	No	Yes	Yes
2EJGTR	Yes	No	Yes	Yes	4WZPCX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2J6HMK	Yes	No	Yes	Yes	4YAQH6	Yes	No	Yes	Yes
2PWKWC	Yes	No	Yes	Yes	4ZLET4	Yes	No	Yes	Yes
2QDXF8	Yes	No	Yes	Yes	62B3N6	Yes	No	Yes	Yes
2TD22A	Yes	No	Yes	Yes	62BZ37	No Interpretations Reported, DNA Analyzed for Database purposes only.			
32UQU9	Yes	No	Yes	Yes	66Z8T9	Yes	No	Yes	Yes
33GGP7	Yes	No	Yes	Yes	6H3YB7	Yes	No	Yes	Yes
377KNK	Yes	No	Yes	Yes	6HKR9V	Yes	No	Yes	Yes
37AUN3	No Interp	No Interp	Yes	Yes	6JACKT	Yes	No	Yes	Yes
38HFAC	Yes	No	Yes	Yes	6M3UH2	Yes	No	Yes	Yes
393JFA	Yes	No	Yes	Yes	6NQDZZ	Yes	No	Yes	Yes
3BXUUC	Yes	No	Yes	Yes	6PYXFN	Yes	No	Yes	Yes
3BZK42	Yes	No	Yes	Yes	6PZE68	Yes	No	Yes	Yes
3KJ9EE	Yes	No	Yes	Yes	6XYT7L	Yes	No	Yes	Yes
3LFMAY	Yes	No	Yes	Yes	6Y86MM	Yes	No	Yes	Yes
3MW7GW	Yes	No	Yes	Yes	6ZKR44	Yes	No	Yes	Yes
3V9C4M	Yes	No	Yes	Yes	7262L4	Yes	No	Yes	Yes
3WWJ46	Yes	No	Yes	Yes	73ZLBN	Yes	No	Yes	Yes
3ZJTFR	Yes	No	Yes	Yes	7684AJ	Yes	No	Yes	Yes
48KWA2	No Interp	No Interp	Yes	Yes	7773VD	Yes	No	Yes	Yes
49AXNJ	Yes	No	Yes	Yes	78AYV8	Yes	No	Yes	Yes
4CLV7D	Yes	No	Yes	Yes	7928UB	Yes	No	Yes	Yes
4EXCWY	Yes	No	Yes	Yes					

TABLE 5

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
7AY7F6	Yes	No	Yes	Yes	A4ZXJZ	Yes	No	Yes	Yes
7KYWYQ	Yes	No	Yes	Yes	AA6WUP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7N9R63	Yes	No	Yes	Yes	AD8PRU	Yes	No	Yes	Yes
7UDNN3	Yes	No	Yes	Yes	AHU3DJ				
7VGP28	Yes	No	Yes	Yes	AK76RA	Yes	No	Yes	Yes
7XFCPY	Yes	No	Yes	Yes	AKYTJY	Yes	No	Yes	Yes
7YFU27	Yes	No	Yes	Yes	AN86UT	Yes	No	Yes	Yes
834HG7	Yes	No	Yes	Yes	AT4ZJ8	Yes	No	Yes	Yes
83EKRH	Yes	No	Yes	Yes	ATCY3	Yes	No	Yes	Yes
86F78W	Yes	No	Yes	Yes	ATHDY4	Yes	No	Yes	Yes
89WDP6	Yes	No	Yes	Yes	ATZAKB	Yes	No	Yes	Yes
8FQWFY	Yes	No	Yes	Yes	AU6MFX	Yes	No	Yes	Yes
8LG3DA	Yes	No	Yes	Yes	AVJ24L	Yes	No	Yes	Yes
8ME7DC	Yes	No	Yes	Yes	AYJBAH	Yes	No	Yes	Yes
8PDU7E	Yes	No	Yes	Yes	B4EN34	Yes	No	Yes	Yes
8THA2P	Yes	No	Yes	Yes	B89H8D	Yes	No	Yes	Yes
8UTEED	Yes	No	Yes	Yes	B9D3QT	Yes	No	Yes	Yes
8XGGUY	Yes	No	Yes	Yes	BGAV6R	Yes	No	Yes	Yes
8YYZ2W	Yes	No	Yes	Yes	BJCYUU	Yes	No	Yes	Yes
949TD8	Yes	No	Yes	Yes	BMLRB3	Yes	No	Yes	Yes
9ANV2Q	Yes	No	Yes	Yes	BPFTTH	Yes	No	Yes	Yes
9DCQEP	Yes	No	Yes	Yes	BW8X4Z	Yes	No	Yes	Yes
9DXC8T	Yes	No	Yes	Yes	BZX9F	Yes	No	Yes	Yes
9EHTT3	Yes	No	Yes	Yes	C7TF26	Yes	No	Yes	Yes
9FAQ3U	Yes	No	Yes	Yes	CCJLZ2	Yes	No	Yes	Yes
9KMK77	Yes	No	Yes	Yes	CGZP4V	Yes	No	Yes	Yes
9N4WWV	Yes	No	Yes	Yes	CHP9YW	Yes	No	Yes	Yes
9T96EJ	Yes	No	Yes	Yes	CL8KPL	Yes	No	Yes	Yes
9XBMNY	Yes	No	Yes	Yes	CUQ4JR	Yes	No	Yes	Yes
9Y4N32	Yes	No	Yes	Yes	CY7TQ8	Yes	No	Yes	Yes
9YNR3T	Yes	No	Yes	Yes	CZYQAZ	Yes		Yes	Yes
A27V8Y	Yes	No	Yes	Yes	D2XVZU	Yes	No	Yes	Yes
A4Z3RG	Yes	No	Yes	Yes	D3QWEW	Yes	No	Yes	Yes

TABLE 5

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
D4TUFY	Yes	No	Yes	Yes	GNC4CV	Yes	No	Yes	Yes
D4UTKT	Yes	No	Yes	Yes	GXPBMB	Yes	No	Yes	Yes
D6K2JW	Yes	No	Yes	Yes	GXUPXQ	Yes	No	Yes	Yes
D6PDKY	Yes	No	Yes	Yes	GYUHFY	Yes	No	Yes	Yes
DBU6RJ	Yes	No	Yes	Yes	H4JCQN	Yes	No	Yes	Yes
DFP7H6	Yes	No	Yes	Yes	H4JG9J	Yes	No	Yes	Yes
DMYKCT	No Interp	No Interp	Yes	Yes	H7H3CG	Yes	No	Yes	Yes
DNWQWU	Yes	No	Yes	Yes	H96LDE	Yes	No	Yes	Yes
DRGH7B	Yes	No	Yes	Yes	HCF8WE	Yes	No	Yes	Yes
DWRQA2	Yes	No	Yes	Yes	HJTFTU	Yes	No	Yes	Yes
DX8U7D	Yes	No	Yes	Yes	HKMYZP	Yes	No	Yes	Yes
DX8ZLL	Yes	No	Yes	Yes	HQRVNV	Yes	No	Yes	Yes
DY9TNE	Yes	No	Yes	Yes	HQW8HR	Yes	No	Yes	Yes
DYFABY	Yes	No	Yes	Yes	HRDBCY	Yes	No	Yes	Yes
E8MB3D	Yes	No	Yes	Yes	HRPBVY	Yes	No	Yes	Yes
EDJQAQ	Yes	No	Yes	Yes	HRTG2P	Yes	No	Yes	Yes
EKLP2F	Yes	No	Yes	Yes	HXLAZG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
ELMATV	No Interp	No Interp	No Interp	No Interp	HXNXJF	No Interp	No Interp	No Interp	No Interp
EVKLYC	Yes	No	Yes	Yes	HYBY96	Yes	No	Yes	Yes
F27ZY3	Yes	No	Yes	Yes	HZMLUQ	Yes	No	Yes	Yes
F3FXE6	No Interp	No Interp	Yes	Yes	J4B3UV	Yes	No	Yes	Yes
FCA7YW	Yes	No	Yes	Yes	J6ZDKN	Yes	No	Yes	Yes
FF6RPY	Yes	No	Yes	Yes	J7FFTH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
FLP87P	Yes	No	Yes	Yes	J7NKFY	Yes	No	Yes	Yes
FMKFGY	Yes	No	Yes	Yes	J9Y32Q	Yes	No	Yes	Yes
FUGELW	Yes	No	Yes	Yes	JD8RWJ	Yes	No	Yes	Yes
FXQLE3	Yes	No	Yes	Yes	JERUDY	Yes	No	Yes	Yes
FYCE4Q	Yes	No	Yes	Yes	JGDKGN	Yes	No	Yes	Yes
G87G8M	Yes	No	Yes	Yes	JJUHHE	Yes	No	Yes	Yes
GDFWGB	Yes	No	Yes	Yes	JKWJ2X	Yes	No	Yes	Yes
GELDQM	Yes	No	Yes	Yes	JR8EJE	Yes	No	Yes	Yes
GJBAQK	No Interpretations Reported, DNA Analyzed for Database purposes only.				JR9RFD	Yes	No	Yes	Yes
GJDWAK	Yes	No	Yes	Yes					

TABLE 5

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
JTHD6	Yes	No	Yes	Yes	LYRF82	Yes	No	Yes	Yes
JTYM7A	Yes	No	Yes	Yes	M2UYTD	Yes	No	Yes	Yes
JUT7HN	Yes	No	Yes	Yes	M3RZ2Q	Yes	No	Yes	Yes
JVE67T	Yes	No	Yes	Yes	M7NTQE	Yes	No	Yes	Yes
JZ977L	Yes	No	Yes	Yes	MBAE9G	Yes	No	Yes	Yes
JZJGNZ	Yes	No	Yes	Yes	MGWBL7	Yes	No	Yes	Yes
JZTMJ4	Yes	No	Yes	Yes	MK8BJ6	Yes	No	Yes	Yes
K9QM2U	Yes	No	Yes	Yes	MPWX9J	Yes	No	Yes	Yes
KB78KB	Yes	No	Yes	Yes	MTPPNA	Yes	No	Yes	Yes
KE6MRD	No Interpretations Reported, DNA Analyzed for Database purposes only.				MU4YYA	Yes	No	Yes	Yes
KENLNC	Yes	No	Yes	Yes	MYPERL	Yes	No	Yes	Yes
KK7CZZ	Yes	No	Yes	Yes	N7PZNF	Yes		Yes	Yes
KMT976	Yes	No	Yes	Yes	N7V24N	Yes	No	Yes	Yes
KN4ZDZ	Yes	No	Yes	Yes	N8H2AH	Yes	No	Yes	Yes
KQF9WR	Yes	No	Yes	Yes	N8ZX2X	Yes	No	Yes	Yes
KTF2H6	Yes	No	Yes	Yes	NB6HT4	Yes	No	Yes	Yes
KTF46N	Yes	No	Yes	Yes	NDBTZF	Yes	No	Yes	Yes
KTKVJ6	Yes	No	Yes	Yes	NFM3FB	Yes	No	Yes	Yes
KXZB2A	Yes	No	Yes	Yes	NKZQ62	Yes	No	Yes	Yes
KZMV38	Yes	No	Yes	Yes	NRXFNQ	Yes	No	Yes	Yes
L4CAW2	Yes	No	Yes	Yes	NV94RA	Yes	No	Yes	Yes
LAT3J6	Yes	No	Yes	Yes	NW94XG	Yes	No	Yes	Yes
LBCQ6L	Yes	No	Yes	Yes	NYEKBE	Yes	No	Yes	Yes
LBMXQ2	Yes	No	Yes	Yes	NYFQXK	Yes	No	Yes	Yes
LG863E	No Interpretations Reported, DNA Analyzed for Database purposes only.				P3CV7J	Yes	No	Yes	Yes
LHTD6G	Yes	No	Yes	Yes	P3HVGK	Yes	No	Yes	Yes
LJG4K3	Yes	No	Yes	Yes	P6QAYC	Yes	No	Yes	Yes
LPVBPE	Yes	No	Yes	Yes	P76PGK	Yes	No	Yes	Yes
LQG8QZ	Yes	No	Yes	Yes	PA7QLN	Yes	No	Yes	Yes
LVAE63	Yes	No	Yes	Yes	PBLUC9	Yes	No	Yes	Yes
LVKU9W	Yes	No	Yes	Yes	PBYBKF	Yes	No	Yes	Yes
LY4W2N	Yes	No	Yes	Yes	PCFKF3	Yes	No	Yes	Yes
					PG4K8N	Yes	No	Yes	Yes

TABLE 5

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
PK86E9	Yes	No	Yes	Yes	RJPVGT	Yes	No	Yes	Yes
PP9FYU	Yes	No	Yes	Yes	RJX9LM	Yes	No	Yes	Yes
PQ8FN8	Yes	No	Yes	Yes	RMM6XL	Yes	No	Yes	Yes
PRUF2V	Yes	No	Yes	Yes	RR9G3N	Yes	No	Yes	Yes
PTANEQ	Yes	No	Yes	Yes	RTLQX	Yes	No	Yes	Yes
PUJN7Q	Yes	No	Yes	Yes	RUJ7RK	No Interp	No Interp	Yes	Yes
PVW8D3	Yes	No	Yes	Yes	RX39UJ	Yes	No	Yes	Yes
PVYY7J	Yes	No	Yes	Yes	RXUAEN	Yes	No	Yes	Yes
PXUE2E	Yes	No	Yes	Yes	T2G6VE	Yes	No	Yes	Yes
PZFAKL	Yes	No	Yes	Yes	T6ZBFV	Yes	No	Yes	Yes
Q4FHWN	Yes	No	Yes	Yes	TAC4MN	Yes	No	Yes	Yes
Q6DDLQ	Yes	No	Yes	Yes	TADRCE	Yes	No	Yes	Yes
Q7TEQD	Yes	No	Yes	Yes	TCV8XE	Yes	No	Yes	Yes
QBGWCX	Yes	No	Yes	Yes	TDHJ7D	Yes	No	Yes	Yes
QCLJL3	Yes	No	Yes	Yes	TDNCER	Yes	No	Yes	Yes
QE3JBC	Yes	No	Yes	Yes	TEEJCA	Yes	No	Yes	Yes
QECQAY	Yes	No	Yes	Yes	TFPAVL	Yes	No	Yes	Yes
QGJV3M	Yes	No	Yes	Yes	TMZ66F	Yes	No	Yes	Yes
QJZN3E	No Interp	No Interp	No Interp	No Interp	TTNVDH	Yes	No	Yes	Yes
QLWP4D	Yes	No	Yes	Yes	U84GJ9	Yes	No	Yes	Yes
QQ3HQG	Yes	No	Yes	Yes	U93D4C	Yes	No	Yes	Yes
QRKDFB	Yes	No	Yes	Yes	UAVALE	No Interp	No Interp	No Interp	No Interp
QWA9V9	Yes	No	Yes	Yes	UB4JGW	Yes	No	Yes	Yes
QZAE EK	Yes	No	Yes	Yes	UH2BKK	Yes	No	Yes	Yes
QZUT9P	Yes	No	Yes	Yes	UH4UV2	Yes	No	Yes	Yes
R2KJRN	Yes	No	Yes	Yes	UHV2B7	Yes	No	Yes	Yes
R4KNW4	Yes	No	Yes	Yes	UMFNPD	Yes	No	Yes	Yes
R6VQJ3	Yes	No	Yes	Yes	UPEBXH	Yes	No	Yes	Yes
RB43RL	Yes	No	Yes	Yes	UTWRR8	Yes	No	Yes	Yes
RC2DYB	Yes	No	Yes	Yes	V3P4EE	Yes	No	Yes	Yes
RE4XP4	Yes	No	Yes	Yes	V6CWYW	Yes	No	Yes	Yes
REQJJ8	Yes	No	Yes	Yes	VCL76C	Yes	No	Yes	Yes
RJF8WC	Yes	No	Yes	Yes	VD4CMZ	Yes	No	Yes	Yes

TABLE 5

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
WL7HV	Yes	No	Yes	Yes	YPR8JH	Yes	No	Yes	Yes
VXZZN3	Yes	No	Yes	Yes	YRHYXE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WDCQ9M	No Interpretations Reported, DNA Analyzed for Database purposes only.				YT2H9D	Yes	No	Yes	Yes
WDTWLQ	Yes	No	Yes	Yes	Z2BCZY	Yes	No	Yes	Yes
WEK4QN	Yes	No	Yes	Yes	Z2RNGH	Yes	No	Yes	Yes
WH6WK4	Yes	No	Yes	Yes	Z3K8MD	Yes	No	Yes	Yes
WM7RXD	Yes	No	Yes	Yes	Z3VQYN	Yes	No	Yes	Yes
WUF9EK	Yes	No	Yes	Yes	Z6HM39	Yes	No	Yes	Yes
WXRQ4B	Yes	No	Yes	Yes	Z6RMZB	Yes	No	Yes	Yes
X67823	Yes	No	Yes	Yes	ZA4MBU	Yes	No	Yes	Yes
X6DLWW	Yes	No	Yes	Yes	ZBRJA4	Yes	No	Yes	Yes
X6X7U2	Yes	No	Yes	Yes	ZLD7TC	Yes	No	Yes	Yes
X7NEKJ	Yes	No	Yes	Yes	ZLW4ZV	Yes	No	Yes	Yes
X7P6WU	Yes	No	Yes	Yes	ZPDEZ8	Yes	No	Yes	Yes
X8CCVQ	Yes	No	Yes	Yes	ZVAVXK	Yes	No	Yes	Yes
X8YCX2	Yes	No	Yes	Yes	ZZ8JBL	Yes	No	Yes	Yes
X9C4QH	Yes	No	Yes	Yes					
XA9JZU	Yes	No	Yes	Yes					
XFUE2X	Yes	No	Yes	Yes					
XHQNH8	Yes	No	Yes	Yes					
XN7EUN	Yes	No	Yes	Yes					
XQMDGC	Yes	No	Yes	Yes					
XUC63L	Yes	No	Yes	Yes					
XWKDAK	Yes	No	Yes	Yes					
XYXT8K	Yes	No	Yes	Yes					
Y2G6LG	Yes	No	Yes	Yes					
Y2MCU4	Yes	No	Yes	Yes					
YBF2W6	Yes	No	Yes	Yes					
YHBRVE	Yes	No	Yes	Yes					
YKPF36	Yes	No	Yes	Yes					
YM3YC3	Yes	No	Yes	Yes					
YMFLNA	Yes	No	Yes	Yes					
YP4XMF	Yes	No	Yes	Yes					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 370			
<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	349	0	354	354
No	0	347	0	0
Inc	0	0	0	0
No Interpretation	10	10	5	5
No Response	1	3	1	1

Participants analyzing DNA for database purposes only: 10

Additional Comments

TABLE 6

WebCode	Additional Comments
23WDDM	Scientist that performed the extraction for this proficiency does not perform data interpretation.
2998HJ	NR = No results. Serology testing performed by qualified Forensic Biologist. KM testing reviewed by DNA analyst, [Name].
2AZEF2	Possible elevated stutter was left in for Items 3 and 4 because of STRmix analysis
2CZMKC	Note: STRmix was used for profile analysis
2EPU69	This proficiency test was only for serology testing by the analyst.
2PWKWC	Serology testing performed by Forensic Biologist. DNA analyst also performed KM testing on item #3 resulting in a positive result. NR = no result.
2TD22A	Elevated stutter not removed from Items 3 or 4 due to being analyzed with STRmix.
377KNK	NR = no result
37AUN3	A test for the presence of acid phosphatase on item 4 was inconclusive due to substrate color. Victim (Item 1) not compared as no male DNA was detected and this was strictly a YFiler Plus case.
38HFAC	reporting results with stutter filters on
3MW7GW	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate the following propositions: Item 3: Interpretation/Stat - 1s2s_1sU. Item 4: Interpretation - 2s_2s; Stat - 2s_U. Per FBU policy, STRmix would not be run on item 4 as the item is from the suspect (2s). Stat run for PT purposes only. NID = No Interpretable Data. PowerPlex Y23 sample processing was conducted on items 2, 3 and 4. Y-STR analysis and interpretation was not conducted on items 2, 3 and 4. Modified Rapid DNA analysis was conducted on item 1.
3WVJ46	Based on the results obtained from DNA analysis the suspect could be contributor to the questioned stain from victim's shirt. For item 3 we got mixture of DNA victim (item1) and DNA suspect (item 2). We used LR Mix Studio 2.1.3 Program (Likelihood Ratio) to know what is probability whether the mixture contains victim DNA and suspect DNA. We got extremaly strong evidence which proof that victim's DNA and suspect's DNA is in the mixture. For item 4 we got full male profile (suspect-item 2).
3XWJVC	This proficiency test was performed for serology screening only.
3ZJTFR	NR = no results
48KWA2	Item 4, AP test = Inc. due to substrate color. Item 1 not processed further since test only used for Y-STR analysis (no male DNA detected).
49AXNJ	For item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
4JQML3	NR = no results
4Q4HHW	NR=No Result
62B3N6	Minifiler was also used to amplify item 4. Concordant results were obtained for item 4 with Globalfiler and Minifiler.
6H3YB7	NR = No Results
6HKR9V	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 6

WebCode	Additional Comments
6PZE68	NR = no results. GlobalFiler Express testing done by alternate analyst, but analysis done by [Name]. GF and GFE results are concordant.
6XYT7L	NR is short for No Results.
7262L4	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain an elevated stutter peak which is being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: Item 1 (Known Blood Female Victim) D7S820 (12).
7684AJ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
7773VD	NR = No Result
78AYV8	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: [Laboratory Specific Naming Convention] (K1), D7S820 (12).
7AY7F6	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
7XFCPY	Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item 3 and Item 4 were extracted using Qiasymphony DNA Investigator Kit via QIAsymphony SP. Quantitation: -Item 3 and Item 4 were quantified using Quantifiler Trio Quantification Kit via QS5 system. Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express Kit on Proflex system. -Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 2, Item 3 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -All electrophoresis were carried out using Genetic Analyzer 3500xL. Quality Control: -Reagent blank, Positive Control and Negative Control carried out throughout the analysis all gave intended results. NM: Non-Male profile.
7YFU27	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: Item 1, locus D7S820 (allele 12); Item 2, locus SE33 (allele 30.2).
83EKRH	NR = No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.

TABLE 6

WebCode	Additional Comments
8ME7DC	Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using Chelex extraction method. Quantification: DNA quantitation for Item 3 and Item 4 were carried out using the Quantifiler Human DNA Quantification kit with Applied Biosystem QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification kit, while Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2, Item 3 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on Genetic Analyzer 3500xl for Item 1 and Item 2 (GlobalFiler Express) and Item 3 and Item 4 (GlobalFiler). Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3500xl for Item 2, Item 3 and Item 4. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. Abbreviation: NM: Non-male Profile.
8PDU7E	For EX 02-1 (suspect reference sample), multiple attempts were made to obtain a full YSTR profile because the peak at the DYS456 locus was visible, but was below the analytical threshold. Three separate normalizations were made and all attempts to see peak at DYS456 were unsuccessful. In the 3rd attempt, the Taq used with the Yfiler kit was consumed; therefore, none of this reagent remained for an additional attempt. At this point, I chose to report results as they were. This missing peak had no bearing on the conclusions obtained for this proficiency test. The locus was dropped from all comparisons, and comparisons were made as they normally would using [Laboratory] procedures for YSTR analysis.
949TD8	NR = no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
9ANV2Q	Reporting with stutter filters on
9DXC8T	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. Inconclusive peak was deemed in Item 3 at D7 due to peak being a possible low-level tri-allele or artifact.
9FAQ3U	1) Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item 3 and Item 4 were extracted using the DNA QIA Symphony DNA Investigator kit on QIA Symphony SP. 2) Quantification: -Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification kit on ABI QuantStudio 5 Real-Time PCR System. 3) Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on ABI ProFlex PCR System. -Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. -Item 2, Item 3 and Item 4 were further amplified using AmFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. 4) Electrophoresis: -Electrophoresis was carried out on Genetic Analyzer 3500xL for Item 1 and Item 2 (GlobalFiler Express), Item 3 and Item 4 (GlobalFiler). -Electrophoresis was also carried out on Genetic Analyzer 3500xL for Item 2, Item 3 and Item 4 (Y-Filer). 5) Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. 6) NM represent Non-male profile.

TABLE 6

WebCode	Additional Comments
9N4WWV	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and Item 4 were extracted using Qiasymphony DNA Investigator Kit via Qiasymphony SP Platform. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using Applied Biosystems Globalfiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using Applied Biosystems Globalfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2, Item 3 and Item 4 were amplified using AmpFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2, Item 3 and Item 4 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile.
9T96EJ	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
A4Z3RG	STRmix analysis was conducted on this test.
A4ZXJZ	Interpretations were done using probabilistic genotyping for Items 3 and 4, so stutter was left in
AHU3DJ	Reporting only biological screening and typing of references. Individual reporting according to authorized testing - no DNA testing of items 3 and 4 conducted and no interpretation performed.
AT4ZJ8	NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
AYJBAH	NR - No Results. NT - Not tested.
B89H8D	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = no result.
BGAV6R	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.
BJCYUU	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 6

WebCode	Additional Comments
BPFTTH	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
CL8KPL	Reporting with stutter filters on
CY7TQ8	NR = No results. GFE testing performed by qualified examiner. GFE and GF results for item 1 and item 2 were concordant, so GFE results were reported.
D4TUFY	Minifiler™ was also used to amplify item 3. Concordant results were obtained with GlobalFiler™ and Minifiler™ for item 3.
D4UTKT	NR = No results. DNA analyst reviewed and interpreted male screen results performed by different qualified analyst. KM testing performed by DNA analyst & qualified forensic biologist; all other serological testing completed by qualified forensic biologist.
D6K2JW	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
DFP7H6	NR= No Result. "This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test." "Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results."
DMYKCT	Item 1 was analyzed for database purposes only, no interpretations reported. The following item was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4.
DNWQWU	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
DRGH7B	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
DWRQA2	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain an elevated stutter peak which is being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: Item 1 (Known Blood Female Victim) D7S820 (12).
DX8U7D	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
DX8ZLL	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 6

WebCode	Additional Comments
DY9TNE	Presumptive testing detected the possible presence of blood on Items 1C and 1D.
DYFABY	Data analysis was performed using probabilistic genotyping; thus, stutter was left on during analysis.
EDJQAQ	Reporting results with stutter filters on.
ELMATV	No interpretation performed on any items as it is outside the participant's current qualification and job duties. MiniFiler was also used to amplify item 4. Concordant results were obtained with GlobalFiler and MiniFiler.
F27ZY3	NR = No results
F3FXE6	No STR results detected for item 1 with YFiler Plus.
FMKFGE	On item 3 at FGA, one A/TA was noted (27, <AT with stutter removed)
FUGELW	MiniFiler was also used to amplify items 3 and 4. Concordant results were obtained with items 3 and 4 for Globalfiler and MiniFiler.
GELDQM	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.
GJDWAK	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 on the following propositions for: item 3 1s2s_1sU; item 4: 2s_U.
GXUPXQ	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain an elevated stutter peak which is being reported to the vendor as an additional comment but which has been modeled as stutter probabilistically during interpretation at the following locus: Item 1: Known blood from the female victim, Locus D7S820, Allele 12.
H7H3CG	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate the following propositions: Item 3: 1s2s_1sU; Item 4: 2s_U. Per FBU policy, STRmix would not be run for Item 4 as the item was from the suspect (Item 2). Stat was run for PT purposes only. NID= No Interpretable Data. Y-screening was performed on Items 3 and 4 Rapid DNA was performed on Items 1 and 2
HQRVNV	NR = No Results
HQW8HR	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 6

WebCode	Additional Comments
HRDBCY	Hypothesis for Item 3 in LRmix studio v 2.1.3: Item 1 + Item 2 / Item 1 + 1 Unknown LR= 5,631 E025. Hypothesis for Item 4 in LRmix studio v 2.1.3: Item 2 /1 Unknown LR= 3,206 E030. Item 1 is not considered as a possible contributor to the Item 4. (Dropout Probability 0.0, Probability of dropout: 0,05, theta correction: 0,01, Allele Frequencies take from www.strider.online)
HRTG2P	DNA results reported with stutter filters on.
HXNXJF	Modified Rapid DNA analysis conducted on Item 1 with RapidHit and Item 2 with ANDE I-chip. Items 3 and 4 not processed, no DNA interpretation conducted. NID= no interpretable data.
HYBY96	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No typing results. NT = Not typed.
HZMLUQ	results reported with stutter filters on
J7NKFY	For items interpreted with STRmix, the GlobalFiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
J9Y32Q	Reporting with stutter filters on.
JD8RWJ	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 and Item 4 were extracted using QIASymphony DNA Investigator Kit via QIASymphony SP platform. Quantification: Item 3 and Item 4 were quantified using Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2, Item 3 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Item 1 and Item 2 (GlobalFiler Express), Item 3 and Item 4 (Globalfiler) and Item 2, Item 3 and Item 4 (Y-Filer) for were carried out on Genetic Analyzer 3500xL. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM : non-male profile.
JJUHHE	Reporting w/ Stutter Filters On
JKWJ2X	NR=No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
JTTHD6	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR=no results
JUT7HN	reporting results with stutter filters on
JZ977L	The 12 allele reported at D7S820 for Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
KB78KB	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.

TABLE 6

WebCode	Additional Comments
KENLNC	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
KK7CZZ	1. Given that the circumstances provided are that a stabbing occurred, the initial examination of items 3 and 4 was for blood testing only. However, the appearance of the blood staining on item 4 indicated that it could be mixed, therefore further body fluid tests were carried out on item 4 only. 2. Given that the mixed DNA result obtained from item 3 (stain from victim's shirt) can be accounted for by a contribution of DNA from the victim and the suspect, then attributing DNA which could have originated from the suspect to the presence of blood would not be straight forward. Obtaining further information about the persons involved and the circumstances of the case could help with this. Can also consider further body fluid testing.
KN4ZDZ	NR = no DNA types detected
KTF2H6	NR = no result
KTF46N	NR=No result
KXZB2A	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
L4CAW2	Item 3 was differentially extracted in order to satisfy the requirement of an examiner being tested in this method. The sperm fraction of Item 3 had insufficient data detected at quant, therefore, only the cell fraction was amplified. The item was marked as having a differential extraction performed, but only the epithelial cell data was entered. NR = No Results
LAT3J6	NT = Not Tested; NR = No Results. Serological Testing performed by [Name].
LBCQ6L	Stutter present and removed in both evidence profiles.
LBMXQ2	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR=no results
LHM3WY	Biological Screening done by [Name]. Review by [Name]. DNA analysis was not performed.
LJG4K3	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR = No results

TABLE 6

WebCode	Additional Comments
M2UYTD	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.
M7NTQE	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.
MK8BJ6	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
MTPPNA	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. Note re: INC on CTS-23-5703H-Item1: D7S820 (12) peak observed in N+1 position with expected stutter at ~0.658% and observed stutter at ~6.7% in both 10 and 5 sec inj. No other indications of second contributor to sample. Possible elevated N+1 stutter, possible low-level triallele. INC peak and locus not used in STRmix LRs.
MU4YYA	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = no result. NT = not tested.
N7PZNF	1. Based on the DNA profile obtained from the Blue pants ítem 4, analyzed and given that sample ítem 1 is the female victim and sample ítem 2 is the male suspect, sample ítem 2 is included as donor to sample ítem 4. The inclusion is supported at the following loci between sample ítem 2 and ítem 4: D3S1358, vWA, D16S539, CSF1PO, TPOX, D81179, D21S11, D18S51, D2S441, D19S433, TH01, FGA, D22S1045, D5S818, D13S317, D7S820, SE33, D10S1248, D1S1656, D12S391 and D2S1338. After statistical analysis, a likelihood ratio (LR) of 7.27 e32 was observed, supporting the hypothesis that the sample was provided by the suspect rather than another person in the study population. 2. Based on the DNA mix profile obtained from that analyzed sample ítem 3 and given that sample ítem 1 is the female victim an sample ítem 2 is the suspect, sample ítem 1 and sample ítem 2 are included as donors to sample ítem 3. The inclusion is supported at the following loci between sample ítem 2 and ítem 4: D3S1358, vWA, D16S539, CSF1PO, TPOX, D81179, D21S11, D18S51, D2S441, D19S433, TH01, FGA, D22S1045, D5S818, D13S317, D7S820, SE33, D10S1248, D1S1656, D12S391 and D2S1338. After statistical analysis, a likelihood ratio (LR) of 4.09 e27 was observed, supporting the hypothesis that the mixture was provided by both the victim and the suspect rather than another person in the study population.
N7V24N	analyzed with stutter filters on
N8ZX2X	Log10LR item #3: Item#1+Item#2 vs. 2unkn; LRMIX: (all pop freq) 3.2E+01; LAB RETR: (af.am) 3.1E+01, (cau) 3.1E+01, (hisp) 3.2E+01; EFM: (all pop) 5.7E+01. Log10LR item #4: Item#1vs. 1unkn; LRMIX: (all pop freq) -6.1E+01; LAB RETR: (af.am) -6.1E+01, (cau) -6.1E+01, (hisp) -6.2E+01; EFM: (all pop) -7.0E+02. Item#2vs. 1unkn: LRMIX: (all pop freq) 2.9E+01; LAB RETR: (af.am) 2.9E+01, (cau) 2.9E+01, (hisp) 2.9E+01; EFM: (all pop) 3.1E+01.

TABLE 6

WebCode	Additional Comments
PRUF2V	STRmix used for analysis - stutter left in.
PTANEQ	NR = No results. KM testing was done by DNA analyst attached to CTS test, Male screen testing was performed by a member of the Forensic Biology Unit. Globalfiler Express processing done by another member of the DNA Unit, analysis was performed by DNA analyst attached to CTS test.
PUJMLR	This proficiency test was performed for only serology testing, no DNA testing required.
PVW8D3	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
PVYY7J	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
Q4FHWN	Reporting results with stutter filters on.
Q6DDLQ	Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The result for this test contains an elevated stutter peak which is being reported to the vendor as an additional comment but which has been modeled as stutter probabilistically during interpretation at the following locus: Item 1, D7S820, allele 12. Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
QBGWCX	NR = no results
QECQAY	NR - No Results
QJZN3E	Analyst only authorized to perform Y-screening and use RapidHIT ID to generate profiles from reference samples.
QRKDFB	NR=no results
QWA9V9	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.
R2KJRN	NR = No results.
RB43RL	NR= No Results
RJX9LM	NR = No Results
RMM6XL	reporting results with stutter filters on

TABLE 6

WebCode	Additional Comments
RR9G3N	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: [Laboratory Specific Naming Convention] Item 1, D7S820 locus, 12 allele.
RXUAEN	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following D7S820: Item 1 Known blood from the female victim and Item 3 Questioned stain from victim's shirt pink, D7S820 and 12 and D2S441 and 13.
T6ZBFV	NR=No results
T7LCRJ	This proficiency test was performed for only serology/screening testing by the analyst.
T9NH6Y	Presumptive testing detected the possible presence of blood on Items 3 and 4. CTS Item 3 corresponds to [Laboratory Specific Naming Convention] Item 1C. CTS Item 4 corresponds to [Laboratory Specific Naming Convention] Item 1D.
TADRCE	NR - No Result. ^ - Indicates peak below stochastic threshold as per [Laboratory] policy.
TCV8XE	The laboratory does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
TDNCER	elevated stutter in #1 @ D7 12allele. elevated stutter in #3 @ D5 9 allele and @SE33 17.2 allele.
TEEJCA	Possible elevated stutter was left in because of STRmix analysis
TFPAVL	Allele 12 was detected at locus D7S820 for item 1 in a forward stutter position at a level exceeding the laboratory's locus-specific maximum forward stutter threshold (observed ratio = 14%, threshold = 7%). Item 1 was re-amplified to confirm if allele 12 was reproducible. Allele 12 was not reproduced, however results at locus D10S1248 from the re-amplified item 1 occurred below the laboratory's stochastic threshold. Therefore, the results from the original amplification of item 1 were used for interpretation and reporting.
TTNVDH	Item 3: 2 person mixture; conditioned on Victim (Item 1); LR for suspect (Item 2) > 100 billion in support of contribution. Item 4: single source profile; assumed known contributor suspect (Item 2).
U89LCY	Presumptive testing detected the possible presence of blood on Items 3 and 4.
UAVALE	Proficiency performed by technician, laboratory does not allow for interpretation of data by technicians
UB4JGW	ND = Not Detected

TABLE 6

WebCode	Additional Comments
UHV2B7	INC = Inconclusive. NID = No Interpretable data. Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3: 1s2s_1sU; Item 4: 2s_U.
UPEBXH	The 12 allele reported at D7S820 for Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
V6CWYW	NR = no results
VCL76C	The '12' allele reported at D7S820 for Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
VD4CMZ	NR = No Results. NT = Not tested. For Items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation
WL7HV	NR - no results. NT - not tested.
VZRDFG	Serology only.
WUF9EK	possible elevated stutter left in Items 3A and 4A because of STRmix analysis
X6DLWW	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
X8CCVQ	For Item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
X9C4QH	Question samples were analyzed using probabilistic genotyping. Elevated stutter was left in as part of the lab's standard procedures.
XUC63L	Biology portion completed by [Name] and DNA portion completed by [Name]. Presumptive testing for hemoglobin with Luminol and Phenolphthalein indicated the possible presence of blood. These tests alone do not confirm the presence of blood. Amylase (an enzyme found in body fluids, including saliva) was not detected by presumptive testing with the amylase radial diffusion method. The HemDirect test is not considered a confirmatory test for species (it is considered confirmatory for blood), due to the fact that some upper primates and under some conditions, ferrets, have been reported giving positive results with the HemDirect card.
XXYT8K	1. Extraction: Item 1 and Item 2 were extracted using in situ method while Item 3 and Item 4 were extracted using Chelex extraction method. 2. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 System. 3. Amplification: Item 1 and Item 2 were amplified using Globalfiler Express PCR Amplification Kit on 9700 GeneAmp PCR System while Item 3 and Item 4 were amplified using Globalfiler PCR Amplification Kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2, Item 3 and Item 4 using AmpFISTR Y-Filer PCR Amplification kit on 9700 GeneAmp PCR System. 4. Electrophoresis: Electrophoresis was carried out on the Applied Biosystem 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Globalfiler Express) and Item 3 and Item 4 (Globalfiler). Electrophoresis for Y-Filer was carried out using Applied Biosystem 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2, Item 3 and Item 4. 5. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results. 6. NM = non male profile.
Y2G6LG	^ = below stochastic threshold. NR = no result.
YFCKAA	This individual is only authorized to perform biological fluid screening and Y-screening.

TABLE 6

WebCode	Additional Comments
YHBRVE	reporting results with stutter filters on
YP4XMF	Item 4 (PPY23 amp): 17 allele initially called at DYS549, however, this was called off as consistent with pull-up.
YPR8JH	Extraction: Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: 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 and Item 2 were amplified using the Applied Biosystems™ GlobalFiler™ Express PCR Amplification Kit on the Applied Biosystems™ ProFlex™ PCR System. By using the in-situ method, Item 2 was also amplified using the Applied Biosystems™ AmpFLSTR™ YFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 3 and Item 4 were amplified using the Applied Biosystems™ GlobalFiler™ and AmpFLSTR™ YFiler™ PCR Amplification Kits on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed using GeneMapper™ ID-X Software v1.5. Quality Control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results. Remark: 'NM' denotes non-male profile.
YT2H9D	The 12 allele reported at D7S820 from Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
YVX2FY	Presumptive testing detected the possible presence of blood on Samples 1A1 and 1B1.
Z2BCZY	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.
Z3VQYN	For item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
Z6HM39	reporting results with stutter filters on
ZA4MBU	Item 4 STR profile: A/TA (16 allele) at D2S1338 does not impact interpretation of single source sample, not included in table. Item 4 YSTR profile: A/TA (9 allele) at DYS439 does not impact interpretation of single source sample, not included in table.
ZLD7TC	NR = No Results
ZLW4ZV	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.
ZVAVXK	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 23-5703: Forensic Biology

DATA MUST BE SUBMITTED BY **June 20, 2023, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: BFJM6P

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 stabbing involving a female victim and male suspect. Based on eyewitness statements, the suspect approached the victim and stabbed her in the stomach. The victim hit the suspect multiple times in an attempt to escape. The suspect has been apprehended by police with several wounds on his face. The weapon has not been located at this time. Police are submitting a stain from the shirt the victim was wearing (Item 3) and a stain from the pants the suspect was wearing (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B3):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

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

Item 4: Questioned stain from suspect's pants (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

Example:	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 III: DNA INTERPRETATION

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

<u>Victim (Item 1)</u>			<u>Suspect (Item 2)</u>		
	Item 3	Item 4		Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

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

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

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

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)