



Forensic Biology Test No. 21-5705 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 717 participants and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1, 2, 3, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Items 1 (75 μ l) and 4 (50 μ l) were created using blood collected from the same female donor. Items 2 (75 μ l) and 3 (50 μ l) were created using blood collected from the same male donor. 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 September 07, 2021 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	15,17.3	22,25	11,14	15,17	8,12	*
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	NM	NM	NM	NM	
2	14,15.3	17,23	10,11	14,15	12,13	*
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
3	14,15.3	17,23	10,11	14,15	12,13	*
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
4	15,17.3	22,25	11,14	15,17	8,12	*
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	NM	NM	NM	NM	

YSTR Results									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	13	19	16	19	22	12	11
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	13	19	16	19	22	12	11

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

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	73-340	16024-16365
2	73-340	16024-16365
3	73-340	16024-16365
4	73-340	16024-16365

Deviations HVR-II, HVR-I

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

	73.0	150.0	228.0	263.0	309.1	315.1	16163.0	16192.0	16270.0	16295.0	16304.0									
ITEM 1	G	T	A	G	C	C	G	T	T	T	C									
	73.0	152.0	182.0	185.0	189.0	195.0	247.0	263.0	309.1	315.1	357.0	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0
ITEM 2	G	C	T	T	G	C	A	G	C	C	G	C	T	C	T	T	T	T	G	C
	73.0	152.0	182.0	185.0	189.0	195.0	247.0	263.0	309.1	315.1	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0	
ITEM 3	G	C	T	T	G	C	A	G	C	C	C	T	C	T	T	T	T	G	C	
	73.0	150.0	228.0	263.0	309.1	315.1	16163.0	16192.0	16270.0	16295.0	16304.0									
ITEM 4	G	T	A	G	C	C	G	T	T	T	C									

Summary Comments

The 21-5705 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were created using blood collected from the same female donor. Items 2 and 3 were created using blood collected from the same male donor. (See Manufacturer's Information for preparation details)

Data were returned by 717 participants.

Screening Test Results:

Screening results for body fluids (blood, semen, saliva) were returned by a total of 613 participants. However, not all of these participants returned screening results for all fluids for both questioned items, which explains the large differences in the tallies discussed below.

For Item 3, all participants reported "Positive" for the presence of blood. For the presence of semen, all responding participants reported "Negative." For the presence of saliva, all responding participants reported "Negative."

For Item 4, all participants reported "Positive" for the presence of blood. For the presence of semen, all responding participants reported "Negative." For the presence of saliva, all responding participants reported "Negative."

DNA Analysis Results:

Of the 717 participants that returned results, 654 reported DNA results. Twenty-five participants stated that the samples were analyzed for database purposes only, four selected the "No Interpretations" options individually for all interpretation questions, and four participants did not respond.

For the Item 3 stain, the interpretation breakdown is as follows: 597 participants that reported interpretations excluded the victim (Item 1) as a possible contributor and 621 participants included the suspect (Item 2) as a possible contributor.

For the Item 4 stain, the interpretation breakdown is as follows: 597 participants that reported interpretations included the victim (Item 1) as a possible contributor and 598 participants excluded the suspect (Item 2) as a possible contributor.

A total of 202 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter peaks may be included in the DNA results. Of these participants, six reported additional alleles compared to the consensus/predistribution results for one or more of the questioned items.

Key for Screening Tests Used

Participants were asked to use, where possible, the following chart of abbreviated screening test names. This was not an all inclusive list and was not designed to determine what tests should be performed. Participants were advised that tests not on this list may be used for screening.

Test	Abbreviation
Acid Phosphatase	AP
Kastle Meyer	KM
Leucomalachite Green	LMG
Microscopic	Micro
Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB
Prostate Specific Antigen	PSA
Quantiblot	QB
Quantifiler	QF
Tetramethyl benzidine	TMB

Serology Screening Results

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

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
23YRE9	Pos KM	Pos KM
24MMXN	Pos Hemochromogen	Pos TBM, Hemochromogen
24TGZP	Pos KM, HemaTrace	Pos KM, HemaTrace
24ZWH3	Pos LMG	Pos LMG
272GBN	Pos PTMB, HemDirect	Pos PTMB, HemDirect
28Q7V3	Pos KM, qRT-PCR	Pos KM, qRT-PCR
28YB48	Pos KM	Pos KM
2AC84P	Pos LMG, ABA HemaTrace	Pos LMG, ABA HemaTrace
2BW9JK	Pos KM	Pos KM
2CMETJ	Pos TMB	Pos TMB
2DYFDX	Pos TMB	Pos TMB
2F29G4	Pos KM	Pos KM
2FL22E	Pos KM	Pos KM
2GWYEV	Pos TMB	Pos TMB
2HLUPX	Pos KM	Pos KM
2J3FRT	Pos TMB	Pos TMB
2KFVYF	Pos O-tol	Pos O-tol
2LDLMN	Pos KM, O-tol, RSID	Pos KM, HemaTrace
2NHRQV	Pos TMB	Pos TMB
2PYKM4	Pos LMG	Pos LMG
2QLED8	Pos KM	Pos KM
2RWEE9	Pos KM	Pos KM
2U6FP8	Pos KM, HemaTrace	Pos KM, HemaTrace
2W9KQ9	Pos ABA Hemecard	Pos ABA Hemecard
2YZALM	Pos LMG	Pos LMG
32GZ2H	Pos KM, Ouchterlony	Pos KM, Ouchterlony
33JPJL	Pos KM	Pos KM
33R3NG	Pos	Pos
34TL7B	Pos KM	Pos KM
377MNB	Pos KM	Pos KM
38B422	Pos Kastle Meyer, HemDirect	Pos Kastle Meyer, HemDirect
3DRHPE	Pos KM, HemaTrace	Pos KM, HemaTrace
3FEC92	Pos ABA Heme	Pos ABA Heme

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3H724F	Pos TMB	Pos TMB
3KF3A9	Pos Luminol, KM	Pos KM
3KTRZD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3P7NNN	Pos KM, ABACard HemaTrace	Pos KM, ABACard HemaTrace
3VBAU7	Pos KM, OBTI	Pos KM, OBTI
46BGRG	Pos ALS, Hexagon OBTI (Hb)	Pos ALS, Hexagon OBTI (Hb)
49BM99	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
49WYBM	Pos KM, HemaTrace	Pos KM
4BJMK3	Pos KM, rtPCR	Pos KM, rtPCR
4ELQB4	Pos KM	Pos KM
4F2YKH	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
4FX7Y3	Pos KM, HemDirect	Pos KM, HemDirect
4FY48D	Pos TMB	Pos TMB
4NFNJQ	Pos KM	Pos KM
4P2LHF	Pos TMB	Pos TMB
4RUB84	Pos TMB	Pos TMB
4VCGHJ	Pos HemaTrace	Pos HemaTrace
4VEBDB	Pos PTMB, HemaTrace	Pos PTMB
4YBW4D	Pos KM, HemaTrace	Pos KM, HemaTrace
62GNNE	Pos KM, Seratec Hemdirect	Pos KM, Seratec Hemdirect
644ACV	Pos TMB	Pos TMB
66DC3Z	Pos TMB	Pos TMB
6D62EU	Pos TMB	Pos TMB
6DQJMB	Pos KM, HemaTrace	Pos KM, HemaTrace
6EFV63	Pos KM	Pos KM
6F9G2Z	Pos HemaTrace	Pos HemaTrace
6FXLTE	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6LHXDA	Pos KM, LMG, RSID	Pos KM, LMG, RSID
6MHAGB	Pos KM	Pos KM
6MM3TV	Pos KM, HemaTrace	Pos KM, HemaTrace
6PM8YD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6QHBMV	Pos LMG	Pos LMG
6RA49P	Pos KM	Pos KM
6RQ8V4	Pos KM, HemaTrace	Pos KM, HemaTrace
6T28V6	Pos TMB, HemaTrace	Pos TMB, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
6T4TRK	Pos KM	Pos KM
6T4WXG	Pos KM, HemaTrace	Pos KM, HemaTrace
6UQAQ8	Pos Heme	Pos Heme
6VB8YQ	Pos KM	Pos KM
6VPJQ4	Pos KM, HemaTrace	Pos KM, HemaTrace
6Z83AR	Pos O-tol, HemaTrace (AB)	Pos O-tol, HemaTrace (AB)
6ZDW44	Pos KM	Pos KM
6ZW2WJ	Pos KM, LMG	Pos KM, LMG
78C9P9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
78GH4R	Pos KM	Pos KM
7BMEZU	Pos KM	Pos KM
7CRMPZ	Pos KM	Pos KM
7DMYV2	Pos KM, HemaTrace	Pos KM, HemaTrace
7EAWPK	Pos KM	Pos KM
7F7ADD	Pos KM	Pos KM
7F8B8C	Pos LMG, HemaTrace	Pos LMG, HemaTrace
7FAV3R	Pos KM	Pos KM
7H2YP8	Pos KM	Pos KM
7H9TWJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
7LZAL8	Pos KM	Pos KM
7NYPXB	Pos KM	Pos KM
7RDYT7	Pos KM	Pos KM
7RXZTB	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
7V2K7B	Pos TMB	Pos TMB
7YBF6L	Pos KM, HemDirect	Pos KM, HemDirect
7YFB36	Pos KM	Pos KM
7Z3JR2	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
82ZH3R	Pos KM	Pos KM
846RWM	Pos LMG, HemaTrace	Pos LMG, HemaTrace
84FU2B	Pos KM	Pos KM
869JDQ	Pos KM	Pos KM
87AXAV	Pos KM	Pos KM
896GF4	Pos ABA Heme	Pos ABA Heme
89BY7T	Pos KM	Pos KM
89KK8A	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
8AK782	Pos KM	Pos KM
8CP7E9	Pos KM, HemaTrace	Pos KM, HemaTrace
8EQGQA	Pos KM, HemaTrace	Pos KM, HemaTrace
8FAZB9	Pos KM	Pos KM
8G4BXF	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
8GRW6J	Pos KM, HemaTrace	Pos KM, HemaTrace
8H3YQH	Pos LMG	Pos LMG
8J3GR8	Pos KM, TMB	Pos KM, TMB
8KEY87	Pos KM	Pos KM
8KUX6G	Pos RSID Blood	Pos RSID Blood
8KVBMQ	Pos KM	Pos KM
8LV9GK	Pos KM	Pos KM
8NYV6W	Pos TMB	Pos TMB
8PYCHZ	Pos KM	Pos KM
8QJXFB	Pos LMG, HT	Pos LMG, HT
8RAEWQ	Pos KM	Pos KM
8T3KY3	Pos KM	Pos KM
8UF2CG	Pos KM	Pos KM
8X34E3	Pos BLUESTAR OBTI	Pos BLUESTAR OBTI
8X7H6A	Pos KM	Pos KM
8XCR2G	Pos KM	Pos KM
8XLVEE	Pos HemaTrace	Pos HemaTrace
92HHLE	Pos O-tol, HD	Pos O-tol, HD
962XW2	Pos LMG	Pos LMG
96Z4FG	Pos KM	Pos KM
99WUF2	Pos KM	Pos KM
9CYX63	Pos ABA Heme	Pos ABA Heme
9DQ7H6	Pos TMB, OBTI	Pos TMB, OBTI
9EC9GE	Pos KM, HemaTrace	Pos KM, HemaTrace
9GUK6H	Pos KM, HemaTrace	Pos KM, HemaTrace
9GVEL3	Pos KM	Pos KM
9HUW4C	Pos KM	Pos KM
9JG9EW	Pos KM	Pos KM
9L86AH	Pos O-tol	Pos O-tol
9LBXVW	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9LMQGY	Pos KM	Pos KM
9P6TJX	Pos KM	Pos KM
9VCDQ4	Pos LMG	Pos LMG
9VE298	Pos KM, HemaTrace	Pos KM, HemaTrace
9VTGBM	Pos TMB	Pos TMB
A39H46	Pos KM	Pos KM
A3CJ8W	Pos KM	Pos KM
A4XFA3	Pos KM	Pos KM
A8C3LB	Pos KM	Pos KM
ABQW29	Pos KM	Pos KM
ACZTKR	Pos KM, HemaTrace	Pos KM, HemaTrace
AEJVJK	Pos LMG	Pos LMG
AHJBLG	Pos KM	Pos KM
ALBE6U	Pos KM	Pos KM
ALNUUA	Pos TMB	Pos TMB
AMJBDY	Pos KM, HemaTrace	Pos KM, HemaTrace
AP7XVE	Pos KM	Pos KM
ARMAD3	Pos KM	Pos KM
AVE7E4	Pos KM	Pos KM
AWZ72C	Pos KM	Pos KM
AXY97A	Pos TMB	Pos TMB
AY8G48	Pos TMB	Pos TMB
AYA796	Pos KM	Pos KM
B2XTPY	Pos Luminol, Phenolphthalein, HemDirect	Pos Luminol, Phenolphthalein, HemDirect
B886P7	Pos KM, HemaTrace	Pos KM, HemaTrace
B9DPD7	Pos KM, HemaTrace	Pos KM, HemaTrace
BCAQ3U	Pos KM	Pos KM
BCCYDM	Pos KM	Pos KM
BCTBT7	Pos TMB	Pos TMB
BD8LZC	Pos O-tol	Pos O-tol
BN823A	Pos TMB, Takayama	Pos TMB, Takayama
BNP4FC	Pos KM	Pos KM
BP46K4	Pos KM	Pos KM
BPFFZ4	Pos KM, HemaTrace	Pos KM, HemaTrace
BQ97GP	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BQCRTX	Pos KM	Pos KM
BVUBLL	Pos O-tol	Pos O-tol
BYCYW6	Pos PTMB, HemaTrace	Pos PTMB
BYPTAK	Pos KM	Pos KM
BZGWWZ	Pos KM	Pos KM
BZXUCR	Pos KM	Pos KM
C2VMKA	Pos KM, HemaTrace	Pos KM, HemaTrace
C3LM2U	Pos KM, Hem	Pos KM, Hem
C3RUAG	Pos KM, HemDirect	Pos KM, HemDirect
C6PLQT	Pos TMB, PHT	Pos TMB, PHT
C77YXV	Pos KM	Pos KM
C8BWHX	Pos KM	Pos KM
C8XPPB	Pos KM	Pos KM
C9TD4Z	Pos KM	Pos KM
C9X3JB	Pos KM, O-tol, RSID-Blood	Pos KM, HemaTrace
CBB8EX	Pos KM	Pos KM
CBTHP8	Pos HemaTrace	Pos HemaTrace
CCNLZL	Pos KM	Pos KM
CF83P2	Pos Kastle Meyer	Pos Kastle Meyer
CF9X9W	Pos IR, TMB	Pos IR, TMB
CMWGTZ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
CPC39Z	Pos LMG, KM, RSID	Pos LMG, KM, RSID
CPGL64	Pos KM, HemaTrace	Pos KM, HemaTrace
CPWU47	Pos TMB	Pos TMB
CRJK6B	Pos KM	Pos KM
CTBD6Z	Pos O-tol	Pos O-tol
CVX676	Pos KM, HemaTrace	Pos KM, HemaTrace
CYWVEH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
D2KAEY	Pos KM, RT-qPCR	Pos KM, RT-qPCR
D4RPRW	Pos ABA Heme	Pos ABA Heme
D74VE6	Pos LMG	Pos LMG
D8DF8U	Pos TMB	Pos TMB
DB3KEV	Pos KM	Pos KM
DBRZ9N	Pos TMB	Pos TMB
DDLPM3	Pos KM and HemaTrace	Pos KM and HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DFBXVH	Pos KM	Pos KM
DFHVRZ	Pos KM	Pos KM
DFJF8U	Pos KM	Pos KM
DFQ6B9	Pos TMB, Takayama	Pos TMB, Takayama
DHABFW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DJ9FYC	Pos KM, HemaTrace	Pos KM, HemaTrace
DJF2YX	Pos KM + qRT-PCR	Pos KM + qRT-PCR
DJPF79	Pos TMB, Takayama	Pos TMB, Takayama
DLALBW	Pos KM, HemaTrace	Pos KM, HemaTrace
DN4J74	Pos O-tol, HemDirect	Pos O-tol, HemDirect
DNHP8U	Pos KM, HemDirect	Pos KM, HemDirect
DNLUJ3	Pos KM	Pos KM
DPM38Y	Pos LMG, RSID	Pos LMG, RSID
DQJGUR	Pos	Pos
DQY3L2	Pos KM, TMB	Pos KM, TMB
DT98YQ	Pos KM, HemaTrace	Pos KM, HemaTrace
DTVFL2	Pos KM, HemaTrace	Pos KM, HemaTrace
DUNA7Y	Pos KM, ABACard-HemaTrace	Pos KM, ABACard-HemaTrace
DV39M8	Pos KM	Pos KM
DXH7BW	Pos KM	Pos KM
DY3JH8	Pos KM	Pos KM
DYUHFT	Pos KM	Pos KM
E4CKAC	Pos KM, Hemdirect	Pos KM, Hemdirect
E7TZ9H	Pos TMB	Pos TMB
E9EFDC	Pos LMG	Pos LMG
E9YL2P	Pos TMB	Pos TMB
EADWT3	Pos O-tol, HTR	Pos O-tol, HTR
EBRDDV	Pos TMB	Pos TMB
ECMTUY	Pos KM	Pos KM
EDE3AT	Pos KM	Pos KM
EDFW77	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
EEBF98	Pos TMB	Pos TMB
EEBTX2	Pos KM	Pos KM
EJA3BP	Pos HemDirect	Pos HemDirect
ENZGT4	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
EQCR6L	Pos KM, HemaTrace	Pos KM, HemaTrace
ER22QW	Pos KM, HemaTrace	Pos KM, HemaTrace
ERWTL3	Pos KM, HemaTrace	Pos KM, HemaTrace
EU9ZXN	Pos KM	Pos KM
EXNWK9	Pos LMG	Pos LMG
EY99XC	Pos LMG, HemaTrace	Pos LMG, HemaTrace
EYP9UT	Pos KM, HemaTrace	Pos KM, HemaTrace
EZWHEL	Pos KM	Pos KM
F7WUY4	Pos TMB, HemaTrace	Pos TMB, HemaTrace
FAV8F2	Pos KM	Pos KM
FDF2G9	Pos KM	Pos KM
FG8GCA	Pos KM	Pos KM
FH6PME	Pos LMG	Pos LMG
FJEL7X	Pos ABA heme	Pos ABA heme
FK7QPW	Pos KM	Pos KM
FNWCXR	Pos KM	Pos KM
FRUZ98	Pos HemDirect and color	Pos HemDirect and color
FTLG6W	Pos LMG	Pos LMG
FUDWJQ	Pos KM	Pos KM
FVKCQW	Pos KM	Pos KM
FYQ9HZ	Pos TMB	Pos TMB
G38VRY	Pos KM	Pos KM
G4YWTG	Pos TMB	Pos TMB
G8VR8A	Pos KM	Pos KM
G9XMGL	Pos TMB , HemaTrace	Pos TMB , HemaTrace
GABNDF	Pos KM	Pos KM
GBJ8T4	Pos KM, HemaTrace	Pos KM, HemaTrace
GBXMTX	Pos O-tol	Pos O-tol
GCU2FQ	Pos KM	Pos KM
GEKJ23	Pos KM	Pos KM
GENQYC	Pos KM	Pos KM
GFDZV7	Pos KM	Pos KM
GFFULR	Pos KM, HemaTrace	Pos KM, HemaTrace
GFUND7	Pos KM, O-tol, RSID	Pos KM, HemaTrace
GGNX3V	Pos O-tol	Pos O-tol

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
GGQ2ZY	Pos KM	Pos KM
GLYZ6R	Pos KM	Pos KM
GNQW8R	Pos KM, HemDirect	Pos KM, HemDirect
GPG48V	Pos KM	Pos KM
GQTWTW	Pos KM	Pos KM
GRCTH4	Pos KM	Pos KM
GRNJFL	Pos TMB	Pos TMB
GU9HK4	Pos KM	Pos KM
GVNLBP	Pos KM	Pos KM
GWJDDN	Pos PTMB	Pos PTMB
GY72M3	Pos KM	Pos KM
GYM4LN	Pos TMB	Pos TMB
GYU27Z	Pos KM, HemaTrace	Pos KM, HemaTrace
GZHLPK	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
GZXVMR	Pos KM	Pos KM
H3MGYF	Pos TMB	Pos TMB
H43RZT	Pos PHT	Pos PHT
H4FKFU	Pos KM	Pos KM
H4QXUH	Pos BLUESTAR (Luminol)	Pos BLUESTAR (Luminol)
H6AFUP	Pos KM	Pos KM
H7N2ZY	Pos O-tol	Pos O-tol
H964GX	Pos LMG, HT	Pos LMG, HT
H9AH3Y	Pos LMG, HemaTrace	Pos LMG, HemaTrace
HEXXX	Pos KM, HemaTrace	Pos KM, HemaTrace
HFDRK7	Pos KM, OT	Pos KM, HemaTrace
HG863C	Pos KM	Pos KM
HH2TL8	Pos KM	Pos KM
HKLRQP	Pos TMB	Pos TMB
HLT3AL	Pos KM	Pos KM
HM7WPL	Pos KM + qRT-PCR	Pos KM + qRT-PCR
HNK4MP	Pos TMB	Pos TMB
HPWUK8	Pos O-tol, ALS	Pos O-tol, ALS
HTW6G8	Pos O-tol	Pos O-tol
HWHLCY	Pos KM, HemaTrace	Pos KM, HemaTrace
HXUFX2	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HZ2N97	Pos TMB, Micro	Pos TMB, Micro
HZF7Y7	Pos KM	Pos KM
J2HTMU	Pos KM	Pos KM
J3E2WY	Pos KM	Pos KM
J4QQ74	Pos LMG	Pos LMG
J4QUXT	Pos KM	Pos KM
J7L3EP	Pos KM	Pos KM, HemaTrace
J8RXPf	Pos TMB	Pos TMB
J9ZH8G	Pos HEM (SERATEC)	Pos HEM (SERATEC)
JA2QW2	Pos KM	Pos KM
JAPWEF	Pos KM, HemDirect	Pos KM, HemDirect
JBAL2R	Pos KM	Pos KM
JC9EKJ	Pos KM	Pos KM
JD2VJT	Pos KM	Pos KM
JJ9BBQ	Pos KM, HemDirect	Pos KM, HemDirect
JJNY7Q	Pos KM, HemaTrace	Pos KM, HemaTrace
JK3ENX	Pos KM, HemaTrace	Pos KM, HemaTrace
JLFTAL	Pos KM, HemaTrace	Pos KM, HemaTrace
JPAWVD	Pos TMB	Pos TMB
JQ7684	Pos KM, HemaTrace	Pos KM, HemaTrace
JRD376	Pos RSID (Bluestar OBTI)	Pos RSID (Bluestar OBTI)
JRURBQ	Pos KM	Pos KM
JTPBCR	Pos KM	Pos KM
JTW4MM	Pos KM, HemaTrace	Pos KM, HemaTrace
JUNFV8	Pos KM	Pos KM
JVFW9G	Pos KM	Pos KM
JVJX9U	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
JXHYP6	Pos Hemochromogen	Pos TMB (positive), Hemochromogen (negative)
K3AHCL	Pos RSID	Pos RSID
K4QPZG	Pos	Pos
K6J69L	Pos KM, HemaTrace	Pos KM, HemaTrace
K9WQWY	Pos KM	Pos KM
K9ZHLU	Pos KM, TMB	Pos KM, TMB
KAGC3W	Pos KM, HemaTrace	Pos KM, HemaTrace
KATLKN	Pos KM, ABACard	Pos KM, ABACard

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KAXZAV	Pos KM	Pos KM
KH94X4	Pos LMG	Pos LMG
KHTWEL	Pos LMG	Pos LMG
KJ3HUU	Pos KM	Pos KM
KJH6QN	Pos KM, rtPCR	Pos KM, rtPCR
KKURBN	Pos KM	Pos KM
KN8W46	Pos RSID – Rapid Stain Identification of Human Blood	Pos RSID – Rapid Stain Identification of Human Blood
KNT9LX	Pos KM	Pos KM
KQWQZT	Pos KM	Pos KM
KQZ93X	Pos O-tol, HemDirect	Pos O-tol, HemDirect
KRAQ7F	Pos KM, HemaTrace	Pos KM, HemaTrace
KTU3WL	Pos TMB	Pos TMB
KVF8J4	Pos KM	Pos KM
KVK3EQ	Pos Visual Exam, Luminol, KM	Pos Visual Exam, Luminol, KM
KXKC3D	Pos PHT	Pos PHT
KYFGQY	Pos KM, Hemastix	Pos KM, Hemastix
KYVENC	Pos TMB	Pos TMB
KZP8JV	Pos TMB	Pos TMB
L2B3TG	Pos KM test	Pos KM test
L2VYYP	Pos ABA heme	Pos ABA heme
L3ACTD	Pos TMB	Pos TMB
L7AK4F	Pos KM, HemaTrace	Pos KM, HemaTrace
L7NDTJ	Pos RSID	Pos RSID
L8K8V3	Pos LMG	Pos LMG
L9VET4	Pos KM	Pos KM
LARM39	Pos LMG	Pos LMG
LAVLJG	Pos Hemastix (TMB), HemaTrace	Pos Hemastix (TMB), HemaTrace
LB9FYG	Pos KM	Pos KM
LBGKBR	Pos KM	Pos KM
LBMN7W	Pos LMG	Pos LMG
LCWAQK	Pos KM	Pos KM
LD7GQR	Pos LMG, HT	Pos LMG, HT
LFXA4N	Pos KM, Luminol	Pos KM, Luminol
LGX6WT	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
LHA23X	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LHXJWD	Pos KM	Pos KM
LL8K3B	Pos KM	Pos KM
LMG6VX	Pos KM	Pos KM
LPAL4T	Pos PTMB	Pos PTMB
LPKC3B	Pos TMB	Pos TMB
LTZZ8F	Pos KM	Pos KM
M32QNG	Pos KM	Pos KM
M6FY7H	Pos TMB	Pos TMB
M73MGW	Pos KM	Pos KM
M73P2V	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
M9W3UK	Pos KM	Pos KM
M9Y8EH	Pos KM, Hemdirect	Pos KM, Hemdirect
MABYB7	Pos KM	Pos KM
MB33XK	Pos KM, Hem Direct	Pos KM, Hem Direct
MBLL3R	Pos TMB	Pos TMB
MCDT3V	Pos TMB	Pos TMB
MCTAXN	Pos KM	Pos KM
MEUA4M	Pos KM	Pos KM
MH2KG4	Pos KM	Pos KM
MMQX6K	Pos KM	Pos KM
MMT6AE	Pos KM, HemaTrace	Pos KM, HemaTrace
MMW9ZW	Pos TMB	Pos TMB
MNLEJ3	Pos KM, HemaTrace	Pos KM, HemaTrace
MT7AGT	Pos KM, HemaTrace	Pos KM, HemaTrace
MV844H	Pos LMG	Pos LMG
MV8LMT	Pos TMB	Pos TMB
MW38GK	Pos KM, HemaTrace	Pos KM, HemaTrace
MY2FTG	Pos KM	Pos KM
MYJ3T4	Pos KM, HemaTrace	Pos KM, HemaTrace
MZ6UMV	Pos KM, HemaTrace	Pos KM, HemaTrace
N2A6FQ	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
N3MHCZ	Pos PTMB, HemDirect	Pos PTMB, HemDirect
N6A4ZG	Pos PHT	Pos PHT
N76TBQ	Pos PTMB, RSID	Pos PTMB, RSID
N773AU	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
N9T8ZZ	Pos KM	Pos KM
NAK9LP	Pos KM	Pos KM
NCD76H	Pos TMB	Pos TMB
NFEZCZ	Pos O-tol	Pos O-tol
NFPYCA	Pos KM	Pos KM
NFWGH8	Pos KM, HemaTrace	Pos KM, HemaTrace
NGW4ZB	Pos KM	Pos KM
NHC7A6	Pos LMG	Pos LMG
NHYLNZ	Pos KM, RSID	Pos O-tol, HemaTrace
NJQZFD	Pos TMB	Pos TMB
NK2Z7T	Pos KM, ABACard	Pos KM, ABACard
NLYA9B	Pos TMB	Pos TMB
NN2EJB	Pos KM, TMB	Pos KM, TMB
NN6BAE	Pos KM, HemDirect	Pos KM, HemDirect
NR7W6K	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
NUYKU8	Pos KM	Pos KM
NWDAZX	Pos LMG	Pos LMG
NWUGWE	Pos KM	Pos KM
NXDFA6	Pos KM	Pos KM
NYZYVB	Pos KM	Pos KM
P2K4AZ	Pos KM	Pos KM
P46VYN	Pos KM, HemaTrace	Pos KM, HemaTrace
P7KG7P	Pos KM, HemaTrace	Pos KM, HemaTrace
PA6B3Q	Pos KM	Pos KM
PELN7A	Pos KM	Pos KM
PN6FHV	Pos KM	Pos KM
PNKUUC	Pos KM	Pos KM
PRELDM	Pos O-tol	Pos O-tol
PTAZ88	Pos TMB	Pos TMB
PTRY9C	Pos KM, HemaTrace	Pos KM, HemaTrace
PV2369	Pos KM	Pos KM
PV4ZQH	Pos KM	Pos KM
PVFMEK	Pos KM	Pos KM
PZ2JTG	Pos LMG	Pos LMG
Q2JUML	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Q3JQGP	Pos HemaTrace, KM	Pos HemaTrace, KM
Q7GAJN	Pos PTMB	Pos PTMB
QHYLEX	Pos KM	Pos KM
QMNDXN	Pos KM	Pos KM
QNRQ82	Pos LMG, HemaTrace	Pos LMG, HemaTrace
QNV8E	Pos KM, HemDirect	Pos KM, HemDirect
QT8KE8	Pos TMB	Pos TMB
QU6AX9	Pos KM	Pos KM
QUUHBC	Pos KM	Pos KM
QVYXG6	Pos TMB	Pos TMB
QYRWZM	Pos KM	Pos KM
QYYQBH	Pos KM, HemaTrace	Pos KM, HemaTrace
R2C44G	Pos KM	Pos KM
R2WM6G	Pos KM, HemaTrace	Pos KM, HemaTrace
R36UAV	Pos KM	Pos KM
R89MJL	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
R9NPQU	Pos PTMB, HemaTrace	Pos PTMB
RB3FK4	Pos KM, TMB	Pos KM, TMB
RB3NGU	Pos KM	Pos KM
RDRV2Q	Pos KM	Pos KM
RHHA9K	Pos KM	Pos KM
RJBXDE	Pos KM	Pos KM
RJCXQF	Pos KM	Pos KM
RKVQWJ	Pos KM	Pos KM
RLJDZ8	Pos KM	Pos KM
RMHHRM	Pos KM	Pos KM
RN7PLB	Pos O-tol	Pos O-tol
RN9QRP	Pos TMB	Pos TMB
RNM9JA	Pos KM	Pos KM
RT2PBM	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RT7CKD	Pos KM, HemaTrace	Pos KM, HemaTrace
RW88RV	Pos KM	Pos KM
RW89CU	Pos KM	Pos KM
RWGA4U	Pos KM	Pos KM
RXYEMT	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
T44J64	Pos KM	Pos KM
T4YTAE	Pos KM, HemaTrace	Pos KM, HemaTrace
T9HUJT	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
TBDBD2	Pos LMG	Pos LMG
TBGFPC	Pos KM, qRT-PCR	Pos KM, qRT-PCR
TBLW2H	Pos KM	Pos KM
TF8PZB	Pos KM	Pos KM
TFPYTB	Pos KM; HemaTrace	Pos KM; HemaTrace
THZMMA	Pos KM	Pos KM
TJD7GE	Pos KM	Pos KM
TJFXL2	Pos KM	Pos KM
TJXNVL	Pos KM and HemaTrace	Pos KM and HemaTrace
TMV33P	Pos LMG	Pos LMG
TP6GLB	Pos KM, Seratec	Pos KM, Seratec
TPGEGF	Pos KM	Pos KM
TRUBFC	Pos LMG	Pos LMG
TWZVEC	Pos RSID	Pos RSID
TZ3FE3	Pos KM	Pos KM
U8GQYG	Pos KM	Pos KM
U8WUP3	Pos TMB	Pos TMB
UAZP7K	Pos KM, HemaTrace	Pos KM, HemaTrace
UERQH7	Pos KM	Pos KM
UF7CVE	Pos KM Test	Pos KM Test
UFRRKH	Pos KM	Pos KM
UJBQRK	Pos KM, HemaTrace	Pos KM, HemaTrace
UJRJL9	Pos HemDirect	Pos HemDirect
ULFE8B	Pos TMB, PHT	Pos TMB, PHT
UMDMHF	Pos TMB	Pos TMB
UMNQPC	Pos KM, Hemdirect	Pos KM, Hemdirect
UTUR3F	Pos KM	Pos KM
UUBFRU	Pos TMB, Micro	Pos TMB, Micro
UVHUWF	Pos KM, HemaTrace	Pos KM, HemaTrace
UWXZC6	Pos KM, TMB	Pos KM, TMB
VAE249	Pos KM, TMB	Pos KM, TMB
VC2GTH	Pos Multistix, FOB	Pos Multistix, FOB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VC4KN2	Pos TMB	Pos TMB
VEYCQZ	Pos KM	Pos KM
VJYTLD	Pos KM	Pos KM
VLJAHU	Pos KM	Pos KM
VNDKYL	Pos TMB	Pos TMB
VQMD4L	Pos KM	Pos KM
VQYDPU	Pos O-tol	Pos O-tol
VWVVB2	Pos TMB	Pos TMB
VZ9Z4G	Pos LMG, RSID	Pos LMG, RSID
W43D4C	Pos KM, HemaTrace	Pos KM, HemaTrace
W4B996	Pos KM	Pos KM
W8LVC4	Pos KM	Pos KM
W97B6D	Pos KM; HEM	Pos KM; HEM
W9ERYC	Pos KM	Pos KM
WBAFAK	Pos TMB	Pos TMB
WBPLMP	Pos KM	Pos KM
WBWZK6	Pos KM	Pos KM
WE4JUC	Pos KM	Pos KM
WEBAEH	Pos KM	Pos KM
WEPXJP	Pos KM	Pos KM
WFJEZT	Pos KM	Pos KM
WFWAZQ	Pos Hb SERATEC	Pos Hb SERATEC
WH2EGD	Pos KM	Pos KM
WJWJ8M	Pos KM	Pos KM
WMLRUU	Pos KM	Pos KM
WNDVGA	Pos KM	Pos KM
WUYGGG	Pos O-tol, HemaTrace	Pos O-tol
WVQE8F	Pos KM	Pos KM
WZN7TE	Pos KM	Pos KM
WZNCZZ	Pos TMB	Pos TMB
X2UBJ8	Pos KM	Pos KM
X3QN8Z	Pos KM	Pos KM
X3THER	Pos KM, O-tol, RSID	Pos KM, HemaTrace
XA3CR7	Pos KM	Pos KM
XA89JD	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XART6B	Pos KM	Pos KM
XARVUF	Pos PTMB	Pos PTMB
XBWZA3	Pos PH, HemaTrace	Pos PH, HemaTrace
XCBWT9	Pos KM	Pos KM
XCHMDD	Pos KM	Pos KM
XH6Q4G	Pos KM	Pos KM
XK46CE	Pos KM	Pos KM
XKEQ9N	Pos PTMB	Pos PTMB, HemaTrace
XMGE3R	Pos PTMB, HemDirect	Pos PTMB, HemDirect
XP3FM7	Pos KM, HemaTrace	Pos KM, HemaTrace
XWNA6X	Pos KM, HemaTrace	Pos KM, HemaTrace
XXGBGE	Pos KM	Pos KM
Y823JX	Pos TMB	Pos TMB
Y8FFZE	Pos TMB, PHTH	Pos TMB, PHTH
Y9YYJT	Pos KM	Pos KM
YD6NTL	Pos TMB	Pos TMB
YDFCMD	Pos KM	Pos KM
YEKW8F	Pos KM, HemaTrace	Pos KM, HemaTrace
YEMVY4	Pos KM, HemaTrace	Pos KM, HemaTrace
YHXXTL	Pos KM	Pos KM
YHYRCR	Pos KM	Pos KM
YJMTCZ	Pos Hem-Check	Pos Hem-Check
YNB6KW	Pos KM, HemaTrace	Pos KM, HemaTrace
YPXGVG	Pos O-tol	Pos O-tol
YQCW8X	Pos KM	Pos KM
YRNKWP	Pos KM	Pos KM
YTNFML	Pos PTMB, HemaTrace	Pos PTMB
YVQFKX	Pos KM	Pos KM
YXHPYL	Pos KM	Pos KM
Z2UA6Y	Pos KM	Pos KM
Z2UKCH	Pos KM, HemaTrace	Pos KM, HemaTrace
Z4QDME	Pos LMG, HT	Pos LMG, HT
Z6CXLJ	Pos TMB	Pos TMB
Z6WKBU	Pos KM	Pos KM
Z7X87X	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Z7ZHDA	Pos IR, Luminol, KM, HemDirect	Pos IR, Luminol, KM
Z8MLFH	Pos KM, HemaTrace	Pos KM, HemaTrace
Z94ABN	Pos KM	Pos KM
ZAW378	Pos KM, HemaTrace	Pos KM, HemaTrace
ZB2GUU	Pos KM	Pos KM
ZC9TL4	Pos TMB	Pos TMB
ZCV6DP	Pos KM, HemDirect	Pos KM, HemDirect
ZEHVC9	Pos KM, HemaTrace	Pos KM, HemaTrace
ZG2YUD	Pos KM, RSID, LMG	Pos KM, RSID, LMG
ZHFVM4	Pos LMG	Pos LMG
ZHWWNK	Pos KM	Pos KM
ZHYGKZ	Pos KM	Pos KM
ZK4RWP	Pos LMG	Pos LMG
ZTEZQX	Pos KM	Pos KM
ZTHVM3	Pos LMG	Pos LMG
ZUC83X	Pos KM	Pos KM
ZV9ULF	Pos KM, HemaTrace	Pos KM, HemaTrace
ZVAYAH	Pos LMG	Pos LMG
ZXVYAY	Pos KM	Pos KM
ZZTUM2	Pos KM	Pos KM

Table 1a: Serology Screening Response Summary - Blood			Participants: 613
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	613	613	
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
2AC84P	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
2CMETJ	Neg ALS, AP	Neg ALS, AP
2DYFDX	Neg ALS, AP	Neg ALS, AP
2GWYEV	Neg ALS, AP	Neg ALS, AP
2J3FRT	Neg ALS, AP	Neg ALS, AP
2NHRQV	Neg ALS, AP	Neg ALS, AP
2QLED8	NT	
2YZALM	Neg ALS, AP	Neg ALS, AP
33JPJL	Neg AP	Neg AP
33R3NG	Neg	Neg
34TL7B	Neg AP, Micro, ALS	Neg AP, Micro, ALS
38B422	Neg AP, Microscopic, RSID Semenogelin	Neg AP
3H724F	Neg ALS, AP	Neg ALS, AP
3KF3A9	Neg ALS, AP	Neg ALS, AP
3VBAU7	NT lab policy, case scenario	NT lab policy, case scenario
46BGRG	Neg ALS, PSA	Neg ALS, PSA
4F2YKH	Neg AP, ALS, PSA	Neg AP, ALS, PSA
4FX7Y3	Neg AP, Micro, PSA	Neg AP, Micro, PSA
4FY48D	Neg ALS, AP	Neg ALS, AP
4P2LHF	Neg ALS, AP	Neg ALS, AP
4RUB84	Neg ALS, AP	Neg ALS, AP
644ACV	Neg ALS, AP	Neg ALS, AP
66DC3Z	Neg ALS, AP	Neg ALS, AP
6D62EU	Neg ALS, AP	Neg ALS, AP
6DQJMB	Neg AP, PSA, Micro	Neg AP, PSA, Micro
6LHXDA	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
6MHAGB	Neg AP, Micro	Neg AP, Micro
6MM3TV	Neg AP	Neg AP
6T28V6	Neg AP	Neg AP
6T4TRK	Neg AP	Neg AP
6UQAQ8	Neg PSA, Micro	Neg PSA, Micro
6VPJQ4	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6ZDW44	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
6ZW2WJ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
78GH4R	Neg AP	Neg AP
7CRMPZ	Neg AP	Neg AP
7DMYV2	Neg AP, Micro, RSID	Neg AP
7EAWPK	Neg AP, Micro	Neg AP, Micro
7F7ADD	Neg AP, Micro, p30	Neg AP, Micro, p30
7H2YP8	Neg ALS, AP, Micro	Neg ALS, AP, Micro
7H9TWJ	Neg AP, Micro, PSA	Neg AP, Micro, PSA
7LZAL8	Neg ALS, AP, Micro	Neg ALS, AP, Micro
7NYPXB	Neg AP	Neg AP
7RXZTB	Neg AP Spot, Xmas Tree Slide	Neg AP Spot, Xmas Tree Slide
7V2K7B	Neg ALS, AP	Neg ALS, AP
7YBF6L	Neg AP	Neg AP
7Z3JR2	Neg ALS, AP	Neg ALS, AP
82ZH3R	Neg ALS, AP	Neg ALS, AP
84FU2B	Neg AP	Neg AP
869JDQ	Neg ALS, AP	Neg ALS, AP
8CP7E9	Neg AP, PSA, Micro	Neg AP, PSA, Micro
8G4BXF	Neg AP, p30	Neg AP, p30
8J3GR8	Neg AP	Neg AP
8KUX6G	Neg RSID Semen	Neg RSID Semen
8KVBMQ	Neg AP, Micro, PSA	Neg AP, Micro, PSA
8LV9GK	Neg AP	Neg AP
8NYV6W	Neg ALS, AP	Neg ALS, AP
8PYCHZ	Neg AP	NT
8T3KY3	Neg AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
8X7H6A	Neg PSA, Micro	Neg PSA, Micro
92HHLE	Neg AP	Neg AP
962XW2	Neg AP	Neg AP
9L86AH	Neg AP	Neg AP
9LBXVW	Neg ALS, AP	Neg ALS, AP
9P6TJX	Neg AP	Neg AP
9VCDQ4	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
9VTGBM	Neg ALS, AP	Neg ALS, AP
A3CJ8W	Neg ALS, AP	Neg ALS, AP
ABQW29	Neg AP	Neg AP
ACZTKR	Neg AP	Neg AP
AEJVJK	Neg ALS, AP	Neg ALS, AP
ALNUUA	Neg ALS, AP	Neg ALS, AP
AP7XVE	Neg AP	Neg AP
AY8G48	Neg ALS, AP	Neg ALS, AP
B2XTPY	Neg ALS, STMP, Microscopic Sperm Search	Neg ALS, STMP, Microscopic Sperm Search
BCCYDM	Neg ALS, AP	Neg ALS, AP
BCTBT7	Neg ALS, AP	Neg ALS, AP
BP46K4	Neg AP, Micro	Neg AP, Micro
BPPFZ4	Neg AP	Neg AP
BYCYW6	Neg AP, PSA	Neg AP, PSA
BZGWWZ	Neg AP	Neg AP
C3LM2U	Neg AP, Micro, RSID	Neg AP
C6PLQT	Neg ALS, AP	Neg ALS, AP
C77YXV	Neg ALS, AP	Neg ALS, AP
C8BWHX	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
CBB8EX	Neg AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
CF9X9W	Neg ALS, AP	Neg ALS, AP
CMWGTZ	Neg AP	Neg AP
CPC39Z	Neg AP, PSA, Micro	Neg AP, PSA, Micro
CPGL64	Neg AP, PSA, Micro	Neg AP, PSA, Micro
CPWU47	Neg ALS, AP	Neg ALS, AP
D8DF8U	Neg ALS, AP	Neg ALS, AP
DB3KEV	Neg PSA, AP, Micro, ALS	Neg PSA, AP, Micro, ALS
DBRZ9N	Neg AP, ALS	Neg AP, ALS
DFBXVH	Neg AP	Neg AP
DFJF8U	NT	
DHABFW	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
DJ9FYC	Neg p30, AP	Neg p30, AP
DLALBW	Neg AP, Micro, PSA	Neg AP, Micro, PSA
DN4J74	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
DNHP8U	Neg ALS, AP, Micro	Neg ALS, AP, Micro
DNLUJ3	Neg AP, Micro	Neg AP, Micro
DPM38Y	Neg AP, RSID	Neg AP, RSID
DQJGUR	Neg	Neg
DTVFL2	Neg AP, PSA, Micro	Neg AP, PSA, Micro
DYUHFT	Neg AP	Neg AP
E7TZ9H	Neg AP, ALS	Neg AP, ALS
E9EFDC	NT	
E9YL2P	Neg AP, ALS	Neg AP, ALS
EADWT3	Neg AP, PSA	Neg AP, PSA
EBRDDV	Neg ALS, AP	Neg ALS, AP
EDFW77	Neg ALS, AP, PSA	Neg ALS, AP, PSA
EEBTX2	Neg AP, Micro	Neg AP, Micro
EJA3BP	Neg PSA	Neg PSA
EQCR6L	Neg AP	Neg AP
EXNWK9	Neg AP spot, ALS	Neg AP spot, ALS
EY99XC	Neg AP, PSA, Micro	Neg AP, PSA, Micro
EYP9UT	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
F7WUY4	Neg AP, PSA, Micro	Neg AP, PSA, Micro
FH6PME	Neg ALS, AP	Neg ALS, AP
FRUZ98	Neg AP	Neg AP
FTLG6W	Neg AP	Neg AP
FUDWJQ	Neg ALS, AP	Neg ALS, AP
FYQ9HZ	Neg ALS, AP	Neg ALS, AP
G4YWTG	Neg ALS, AP	Neg ALS, AP
G9XMGL	Neg AP, p30	Neg AP
GABNDF	Neg AP	Neg AP
GBXMTX	Neg AP	Neg AP
GEKJ23	Neg AP, Micro, PSA	Neg AP, Micro, PSA
GENQYC	Neg AP	Neg AP
GFFULR	Neg AP, Micro, RSID	Neg AP
GGNX3V		Neg AP
GGQ2ZY	Neg AP, Micro	Neg AP, Micro
GNQW8R	Neg AP, Micro, RSID	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
GPG48V	Neg PSA	Neg PSA
GRNJFL	Neg ALS, AP	Neg ALS, AP
GWJDDN	Neg ALS, AP	Neg ALS, AP
GYM4LN	Neg ALS, AP	Neg ALS, AP
GZHLPK	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
H3MGYF	Neg ALS, AP	Neg ALS, AP
H43RZT	Neg AP	Neg AP
H4QXUH	Neg AP	Neg AP
H7N2ZY	Neg AP, PSA, Micro	Neg AP, PSA, Micro
H964GX	Neg AP	Neg AP
HEXXX	Neg AP, PSA, Micro	Neg AP, PSA, Micro
HKLRQP	Neg ALS, AP	Neg ALS, AP
HNK4MP	Neg ALS, AP	Neg ALS, AP
HTW6G8	Neg AP	Neg AP
HXUFX2	Neg ALS, AP	Neg ALS, AP
J2HTMU	Neg AP	Neg AP
J4QQ74	Neg ALS, AP	Neg ALS, AP
J7L3EP	Neg AP	Neg AP
J8RXPf	Neg AP, ALS	Neg AP, ALS
J9ZH8G	Neg PSA (SERATEC)	Neg PSA (SERATEC)
JA2QW2	Neg AP	Neg AP
JAPWEF	Neg AP	Neg AP
JBAL2R	Neg PSA, AP, ALS, Micro	Neg PSA, AP, ALS, Micro
JJ9BBQ	Neg AP, mirco, RSID	Neg AP
JLFTAL	Neg AP, Micro, RSID	Neg AP
JPAWVD	Neg ALS, AP	Neg ALS, AP
JRD376	Neg AP (Phosphatesmo KM), PSA (Bluestar Identi-PSA)	Neg AP (Phosphatesmo KM), PSA (Bluestar Identi-PSA)
JTW4MM	Neg AP, Micro, RSID Sg	Neg AP
JVFW9G	Neg AP, ALS	Neg AP, ALS
JVJX9U	Neg ALS, AP, PSA	Neg ALS, AP, PSA
K3AHCL	Neg RSID	Neg RSID
K6J69L	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
KAGC3W	Neg AP, PSA, Micro	Neg AP, PSA, Micro
KATLKN	Neg AP, p30	Neg AP, p30

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
KAXZAV	Neg ALS, AP and Micro	Neg ALS, AP and Micro
KH94X4	Neg ALS, AP	Neg ALS, AP
KHTWEL	Neg AP	Neg AP
KQZ93X	Neg AP	Neg AP
KRAQ7F	Neg AP	Neg AP
KTU3WL	Neg ALS, AP	Neg ALS, AP
KVK3EQ	Neg ALS, AP, Micro	Neg ALS, AP, Micro
KXKC3D	Neg ALS, AP	Neg ALS, AP
KYFGQY	Neg AP, p30, Micro	Neg AP, p30, Micro
KYVENC	Neg ALS, AP	Neg ALS, AP
KZP8JV	Neg AP, ALS	Neg AP, ALS
L3ACTD	Neg ALS, AP	Neg ALS, AP
L7NDTJ	Neg RSID	Neg RSID
LARM39	Neg AP, ALS	Neg AP, ALS
LAVLJG	Neg AP	Neg AP, p30
LB9FYG	Neg PSA	Neg PSA
LCWAQK	Neg ALS, AP, Micro	Neg ALS, AP, Micro
LFXA4N	Neg STMP, Micro, ALS	Neg STMP, Micro, ALS
LGX6WT	Neg ALS, AP, PSA	Neg ALS, AP, PSA
LHA23X	Neg AP	Neg AP
LMG6VX	Neg AP, Micro, PSA	Neg AP, Micro, PSA
LPKC3B	Neg AP, ALS	Neg AP, ALS
M32QNG	Neg PSA	Neg PSA
M6FY7H	Neg ALS, AP	Neg ALS, AP
M73MGW	Neg AP, Micro	Neg AP, Micro
M73P2V	Neg AP	Neg AP
M9Y8EH	Neg AP, Micro, RSID	Neg AP
MABYB7	Neg AP	Neg AP
MB33XK	Neg AP, Micro, RSID	Neg AP
MCDT3V	Neg ALS, AP	Neg ALS, AP
MMT6AE	Neg AP	Neg AP
MMW9ZW	Neg ALS, AP	Neg ALS, AP
MT7AGT	Neg AP, PSA, Micro	Neg AP, PSA, Micro
MV8LMT	Neg ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
MW38GK	Neg AP	Neg AP
MYJ3T4	Neg AP	Neg AP
N6A4ZG	Neg ALS, AP	Neg ALS, AP
N9T8ZZ	Neg AP	Neg AP
NAK9LP	Neg AP	Neg AP
NCD76H	Neg ALS, AP	Neg ALS, AP, Micro, PSA
NFEZCZ	Neg AP	Neg AP
NFPYCA	Neg ALS, AP	Neg ALS, AP
NFWGH8	Neg ALS, AP	Neg ALS, AP
NJQZFD	Neg ALS, AP	Neg ALS, AP
NLYA9B	Neg ALS, AP	Neg ALS, AP
NN2EJB	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
NN6BAE	Neg ALS, PSA	Neg ALS, PSA
NR7W6K	Neg ALS, AP	Neg ALS, AP
NWDAZX	Neg ALS, AP	Neg ALS, AP
NXDFA6	Neg AP	Neg AP
NYZYVB	Neg AP	Neg AP
P46VYN	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
P7KG7P	Neg AP, PSA, Micro	Neg AP, PSA, Micro
PTAZ88	Neg ALS, AP	Neg ALS, AP
PV2369	Neg AP	Neg AP
QNRQ82	Neg AP, Micro, PSA	Neg AP, Micro, PSA
QNVT8E	Neg AP, Micro, RSID	Neg AP
QT8KE8	Neg ALS, AP	Neg ALS, AP
QVYXG6	NT	Neg AP
R2WM6G	Neg AP, PSA, Micro	Neg AP, PSA, Micro
R89MJL	Neg AP, PSA	Neg AP, PSA
RB3FK4	Neg ALS, AP	Neg ALS, AP
RDRV2Q	Neg AP	Neg AP
RJBXDE	Neg ALS, AP	Neg ALS, AP
RKVQWJ	Neg PSA	Neg PSA
RN7PLB	Neg AP, Micro	Neg AP, Micro
RN9QRP	Neg AP, ALS	Neg AP, ALS
RNM9JA	Neg AP, Micro, PSA	Neg AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RT7CKD	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
RXYEMT	Neg ALS, AP	Neg ALS, AP
T4YTAE	NT	Neg AP
T9HUJT	Neg AP, PSA	Neg AP, PSA
TBGFPC	NT	Neg PSA
TBLW2H	Neg AP	Neg AP
TJFXL2	Neg AP	Neg AP
TJXNVL	Neg AP, PSA and Micro	Neg AP, PSA and Micro
TP6GLB	Neg AP, Sperm, Sg	Neg AP
TWZVEC	Neg RSID	Neg RSID
TZ3FE3	Neg AP	Neg AP
U8GQYG	Neg AP	Neg AP
U8WUP3	Neg ALS, AP	Neg ALS, AP
UAZP7K	Neg AP	Neg AP
UERQH7	Neg AP	Neg ALS, AP
UFRRKH	Neg AP	Neg AP
UJRJL9	Neg PSA, ALS	Neg PSA, ALS
ULFE8B	Neg ALS, AP, Micro	Neg ALS, AP, Micro
UMDMHF	Neg ALS, AP	Neg ALS, AP
UMNQPC	Neg ALS, AP, Micro	Neg ALS, AP, Micro
UTUR3F	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
UWXZC6	Neg AP, Micro, PSA, ALS	Neg AP, Micro, PSA, ALS
VC2GTH	Neg Phosphatesmo, PSA	Neg Phosphatesmo, PSA
VC4KN2	Neg ALS, AP	Neg ALS, AP
VEYCQZ	Neg AP	Neg AP
VLJAHU	Neg AP	Neg AP
VNDKYL	Neg ALS, AP	Neg ALS, AP
VQYDPU	Neg AP, ALS	Neg AP, ALS
VWVVB2	Neg ALS, AP	Neg ALS, AP
VZ9Z4G	Neg AP, RSID	Neg AP, RSID
W43D4C	Neg PSA, Micro	Neg PSA, Micro
W97B6D	Neg AP;Micro; RSID Semen	Neg AP
WBAFAK	Neg ALS, AP	Neg ALS, AP
WEBAEH	Neg ALS, AP, Micro	Neg ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
WFWAZQ	Neg PSA, RSID, Micro	Neg PSA, RSID, Micro
WH2EGD	Neg AP, Micro, ALS, PSA	Neg AP, Micro, ALS, PSA
WMLRUU	Neg AP	Neg AP
WNDVGA	Neg AP	Neg AP
WUYGGG	Neg AP, PSA	Neg AP, PSA
WZNCZZ	Neg ALS, AP	Neg ALS, AP
X3QN8Z	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
XARVUF	Neg AP	Neg AP
XBWZA3	Neg AP	Neg AP
XKEQ9N	Neg ALS, AP	Neg ALS, AP, PSA
XP3FM7	Neg AP, Micro, RSID	Neg AP
XWNA6X	Neg AP	Neg AP
XXGBGE	Neg AP	Neg AP
Y823JX	Neg ALS, AP	Neg ALS, AP
Y8FFZE	Neg ALS	Neg ALS
Y9YYJT	Neg AP	Neg AP
YD6NTL	Neg ALS, AP	Neg ALS, AP
YEKW8F	Neg AP, PSA, Micro	Neg AP, PSA, Micro
YHXTL	Neg AP, Micro	Neg AP, Micro
YNB6KW	Neg ALS, AP	Neg ALS, AP
YPXGVG	Neg AP, PSA	Neg AP, PSA
YQCW8X	Neg ALS, AP	Neg ALS, AP
YTNFML	Neg AP, PSA	Neg AP, PSA
YVQFKX	Neg AP	Neg AP
Z6CXLJ	Neg ALS, AP	Neg ALS, AP
Z7ZHDA	Neg ALS, AP, Micro	Neg ALS, AP, Micro
Z8MLFH	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ZAW378	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ZC9TL4	Neg ALS, AP	Neg ALS, AP
ZEHVC9	Neg AP	Neg AP
ZG2YUD	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ZHFVM4	NT	Neg AP
ZK4RWP	Neg ALS, AP	Neg ALS, AP
ZTEZQX	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZUC83X	Neg ALS, AP	Neg ALS, AP
ZV9ULF	Neg AP, PSA, Micro	Neg AP, PSA, Micro

Table 1b: Serology Screening Response Summary - Semen			Participants: 306
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	297	301	
Inconclusive	0	0	
Not Tested (NT)	8	2	
Not Reported	1	3	

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
2QLED8	NT	
2U6FP8	Neg RSID-Saliva	Neg RSID-Saliva
32GZ2H	Neg Amylase	Neg Amylase
33R3NG	Neg	Neg
34TL7B	Neg Phadebas, ALS	Neg Phadebas, ALS
3VBAU7	NT lab policy, case scenario	NT lab policy, case scenario
46BGRG	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
49WYBM	Neg RSID	NT
4F2YKH	Neg Phad Tab	Neg Phad Tab
4FX7Y3	Neg RSID Saliva	Neg RSID Saliva
4VEBDB	Neg Phadebas	NT
6DQJMB	Neg Phadebas	Neg Phadebas
6LHXDA	Neg ALS, RSID	Neg ALS, RSID
6MHAGB	Neg RSID	Neg RSID
6MM3TV	Neg Phadebas	Neg Phadebas
6T28V6	Neg RSID Saliva	Neg RSID Saliva
6ZDW44	Neg SALIgAE	Neg SALIgAE
7CRMPZ	Neg RSID	Neg RSID
7F7ADD	Neg Amylase	Neg Amylase
7H2YP8	Neg ALS, Phadebas	Neg ALS, Phadebas
7LZAL8	Neg ALS, Phadebas	Neg ALS, Phadebas
87AXAV	Neg RSID, ALS	Neg RSID, ALS
8CP7E9	Neg Phadebas	Neg Phadebas
8KUX6G	Neg RSID Sliva	Neg RSID Saliva
8KVBMQ	Neg Phadebas	Neg Phadebas
8T3KY3	Neg SALIgAE	Neg SALIgAE
962XW2	Neg RSID	Neg RSID
9P6TJX	Neg Phadebas	NT
9VCDQ4	Neg RSID-Saliva	Neg RSID-Saliva
B2XTPY	Neg Amylase Diffusion	Neg Amylase Diffusion
BP46K4	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
BPFZ4	Neg RSID-Saliva	Neg RSID-Saliva
BYCYW6	Neg Phadebas tablet	NT
BZGWWZ	Neg Phadebas	Neg Phadebas
C8BWHX	Neg SALIgAE	Neg SALIgAE
CBB8EX	Neg SALIgAE, ALS	Neg SALIgAE, ALS
CPC39Z	Neg RSID	Neg RSID
CPGL64	Neg Phadebas	Neg Phadebas
DB3KEV	Neg SALIgAE	Neg SALIgAE
DFJF8U	NT	
DLALBW	Neg Phadebas	Neg Phadebas
DNHP8U	Neg RSID	Neg RSID
DNLUJ3	Neg RSID	Neg RSID
DPM38Y	Neg RSID	Neg RSID
DTVFL2	Neg Phadebas	Neg Phadebas
DYUHFT	Neg Amylase (Phadebas)	Neg Amylase (Phadebas)
E9EFDC	NT	
EDFW77	Neg Phadebas Tablet	Neg Phadebas Tablet
EEBTX2	Neg RSID	Neg RSID
EQCR6L	Neg Phadebas	Neg Phadebas
EYP9UT	Neg Radial Diffusion	Neg Radial Diffusion
F7WUY4	Neg Amylase Diffusion	Neg Amylase Diffusion
FTLG6W	Neg RSID	Neg RSID
GGQ2ZY	Neg RSID	Neg RSID
GPG48V	Neg RSID	Neg RSID
GZHLPK	Neg SALIgAE	Neg SALIgAE
H43RZT	Neg Phadebas	Neg Phadebas
H4QXUH	Neg Phadebas	Neg Phadebas
H7N2ZY	Neg Alpha-Amylase	Neg Alpha-Amylase
HEXXX	Neg Phadebas	Neg Phadebas
HLT3AL	Neg RSID	Neg RSID
J9ZH8G	Neg AMY (SERATEC)	Neg AMY (SERATEC)
JBAL2R	Neg SALIgAE	Neg SALIgAE
JVFW9G	Neg Phadebas, ALS	Neg Phadebas, ALS

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
JVJX9U	Neg Phadebas Tablets	NT
K3AHCL	Neg RSID	Neg RSID
K6J69L	Neg ALS, Phadebas	Neg ALS, Phadebas
KAGC3W	Neg Phadebas	Neg Phadebas
KATLKN	Neg Phadebas	Neg Phadebas
KAXZAV	Neg RSID	Neg RSID
KRAQ7F	Neg Phadebas	Neg Phadebas
KVK3EQ	Neg Amylase Diffusion	Neg Amylase Diffusion
KYFGQY	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
L7NDTJ	Neg RSID	Neg RSID
LFXA4N	Neg Amylase Diffusion	Neg Amylase Diffusion
LMG6VX	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
M32QNG	Neg RSID	Neg RSID
MMT6AE	Neg Phadebas	Neg Phadebas
MT7AGT	Neg Phadebas	Neg Phadebas
MW38GK	Neg RSID-Saliva	Neg RSID-Saliva
MY2FTG	Neg RSID	Neg RSID
N76TBQ	NT	Neg Phadebas Tablet
NYZYVB	Neg Phadebas	Neg Phadebas
P7KG7P	Neg Phadebas	Neg Phadebas
QUUHBC	Neg RSID	Neg RSID
R2WM6G	Neg Radial Diffusion	Neg Radial Diffusion
RKVQWJ	Neg RSID	Neg RSID
RN7PLB	Neg Amy Diffusion	Neg Amy Diffusion
RNM9JA	Neg Phadebas	Neg Phadebas
RT7CKD	Neg Phadebas, ALS	Neg Phadebas, ALS
T4YTAE	NT	Neg Phadebas
T9HUJT	Neg P.tab	Neg P.tab
TBLW2H	Neg Phadebas	Neg Phadebas
TJXNVL	Neg Phadebas	Neg Phadebas
TU7WRK	NT	
TWZVEC	Neg RSID	Neg RSID
U8GQYG	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
UFRRKH	Neg Phadebas	Neg Phadebas
UJBQRK	Neg Phadebas	NT
UMNQPC	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
UTUR3F	Neg SALIgAE	Neg SALIgAE
VC2GTH	Neg Phadebas	Neg Phadebas
VZ9Z4G	Neg RSID	Neg RSID
W43D4C	Neg RSID	Neg RSID
WEBAEH	Neg ALS, Phadebas	Neg ALS, Phadebas
WFJEZT	Neg RSID-Saliva	NT
WFWAZQ	Neg Amilasa SERATEC	Neg Amilasa SERATEC
WH2EGD	Neg SALIgAE	Neg SALIgAE
XBWZA3	Neg Phadebas	Neg Phadebas
Y8FFZE	Neg ALS	Neg ALS
YEKW8F	Neg Phadebas	Neg Phadebas
YTNFML	Neg Phadebas	Neg Phadebas
Z7ZHDA	Neg Amylase Diffusion	Neg Amylase Diffusion
Z8MLFH	Neg Phadebas	Neg Phadebas
ZAW378	Neg Radial Diffusion	Neg Radial Diffusion
ZG2YUD	Neg RSID	Neg RSID
ZV9ULF	Neg Phadebas	Neg Phadebas

Table 1c: Serology Screening Response Summary - Saliva			Participants: 117
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	110	105	
Inconclusive	0	0	
Not Tested (NT)	7	8	
Not Reported	0	4	

Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
2DYFDX	Pos HemaTrace	Pos HemaTrace
2FL22E	Pos RT-PCR	Pos RT-PCR
2GWYEV	Pos HemaTrace	Pos HemaTrace
2HLUPX	Pos RT-PCR	Pos RT-PCR
2KFVYF	Pos ABACard HemaTrace	Pos ABACard HemaTrace
2NHRQV	Pos HemaTrace	Pos HemaTrace
2PYKM4	Pos RSID-Blood	Pos RSID-Blood
2QLED8	Pos RT-PCR	Pos RT-PCR
2U6FP8	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
34TL7B	Pos Quantifiler Trio	Pos Quantifiler Trio
38B422	Pos	Pos
3H724F	Pos HEM	Pos HEM
3KF3A9	Pos HemDirect	NT
3KTRZD	Pos Quant Duo	Pos Quant Duo
3VBAU7	NT lab policy, case scenario	NT lab policy, case scenario
46BGRG	Pos Hexagon OBTI (Hb), Quantifiler Trio	Pos Hexagon OBTI (Hb), Quantifiler Trio
62GNNE	Pos	Pos
644ACV	Pos HemaTrace	Pos HemaTrace
6D62EU	Pos HemaTrace	Pos HemaTrace
6MM3TV	Pos HemaTrace	Pos HemaTrace
6QHBMV	Pos RSID Blood	Pos RSID Blood
6T28V6	Pos Quant	Pos Quant
6Z83AR	Pos HemaTrace (AB)	Pos HemaTrace (AB)
6ZDW44	Pos OBTI	Pos OBTI
6ZW2WJ	Pos HemaTrace	Pos HemaTrace
78C9P9	Pos Quantifiler Duo	Pos Quantifiler Duo
7CRMPZ	Pos Powerquant	Pos Powerquant
7DMYV2	Pos	Pos
7H2YP8	Pos Quantifiler Trio	Pos Quantifiler Trio
7LZAL8	Pos Quant Trio	Pos Quant Trio
7RDYT7	Pos HemDirect	Pos HemDirect
7RXZTB	Pos Seratec HemDirect	Pos Seratec HemDirect
82ZH3R	Pos HemDirect	Pos HemDirect

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
869JDQ	Pos HemaTrace	Pos HemaTrace
89KK8A	Pos Quant Duo	Pos Quant Duo
8H3YQH	Pos Quant Trio	Neg Quant Trio
8KVBMQ	Pos HemDirect	Pos HemDirect
8NYV6W	Pos HemaTrace	Pos HemaTrace
8QJXFB	Pos Quant Duo	Pos Quant Duo
8RAEWQ	Pos Real-Time PCR (Quant)	Pos Real-Time PCR (Quant)
8T3KY3	Pos Hexagon OBTI	Pos Hexagon OBTI
8X34E3	Pos BLUESTAR OBTI	Pos BLUESTAR OBTI
9GVEL3	Pos qPCR	Pos qPCR
9P6TJX	Pos HemDirect	NT
A39H46	Pos PowerQuant	Pos PowerQuant
AMJBDY	Pos Quantifiler Trio	Pos Quantifiler Trio
AY8G48	Pos HemaTrace	Pos HemaTrace
AYA796	Pos PowerQuant	Pos PowerQuant
B2XTPY	Pos HemDirect	Pos HemDirect
BCCYDM	Pos HemaTrace	Pos HemaTrace
BCTBT7	Pos HEM	Pos HEM
BPFFZ4	Pos PowerQuant, HemaTrace	Pos PowerQuant, HemaTrace
BQ97GP	Pos HemDirect	Pos HemDirect
BQCRTX	Pos HemaTrace	Pos HemaTrace
BVUBLL	Pos HemaTrace	Pos HemaTrace
C3LM2U	Pos	Pos
C8BWHX	Pos OBTI	Pos OBTI
CBB8EX	Pos OBTI	Pos OBTI
CMWGTZ	Pos Quant	Pos Quant
CYWVEH	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
D2KAEY	Pos RT-qPCR	Pos RT-qPCR
DB3KEV	Pos OBTI	Pos OBTI
DBRZ9N	Pos HemaTrace	Pos HemaTrace
DFJF8U	NT	
DLALBW	Pos HemaTrace	Pos HemaTrace
E7TZ9H	Pos HemaTrace	Pos HemaTrace
E9EFDC	Pos Quant Trio	Pos Quant Trio
E9YL2P	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
EDE3AT	Pos real-time PCR	Pos real-time PCR
EJA3BP	Pos HemeDirect	Pos HemeDirect
EQCR6L	Pos HemaTrace	Pos HemaTrace
F7WUY4	Pos HemaTrace	Pos HemaTrace
G38VRY	Pos powerquant	Pos powerquant
G4YWTG	Pos HemaTrace	Pos HemaTrace
G9XMGL	Pos HemaTrace, DNA	Pos HemaTrace, DNA
GCU2FQ	Pos RT-qPCR	Pos RT-qPCR
GFFULR	Pos HemaTrace, DNA	Pos HemaTrace, DNA
GGNX3V	Pos ABACard® HemaTrace®	
GLYZ6R	Pos HemDirect	Pos HemDirect
GNQW8R	Pos	Pos
GPG48V	Pos PowerQuant	Pos PowerQuant
GRNJFL	Pos HemaTrace	Pos HemaTrace
GVNLBP	Pos HemaTrace	Pos HemaTrace
GZXVMR	Pos RT PCR	Pos RT PCR
H3MGYF	Pos HemaTrace	Pos HemaTrace
H4QXUH	Pos HEXAGON OBTI TEST	Pos HEXAGON OBTI TEST
H6AFUP	Pos PowerQuant	Pos PowerQuant
H964GX	Pos Quant Duo	Pos Quant Duo
HFDRK7	Pos RSID	
HM7WPL	Pos qRT-PCR	Pos qRT-PCR
J2F64V	Pos Quant Duo	Pos Quant Duo
J7L3EP	Pos HemaTrace	Pos HemaTrace
J9ZH8G	Neg HEM (SERATEC), FOB (Hydrex Dg.)	Pos HEM (SERATEC)
JBAL2R	Pos OBTI	Pos OBTI
JJ9BBQ	Pos Casework Direct	Pos Casework Direct
JLFTAL	Pos	Pos
JPAWVD	Pos HemaTrace	Pos HemaTrace
JTPBCR	Pos RT-PCR	Pos RT-PCR
JTW4MM	Pos	Pos
KKURBN	Pos qPCR	Pos qPCR
KN8W46	Pos RSID – Rapid Stain Identification of Human Blood	Pos RSID – Rapid Stain Identification of Human Blood
KQZ93X	Pos HemDirect	Pos HemDirect
KRAQ7F	Pos HemaTrace, QT Trio	Pos HemaTrace, QT Trio

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
KVK3EQ	Pos HemDirect	NT
KXKC3D	Pos HemaTrace	Pos HemaTrace
KYVENC	Pos HemaTrace	Pos HemaTrace
LAVLJG	Pos HemaTrace, DNA	Pos HemaTrace, DNA
LB9FYG	Pos HemeDirect	Pos HemeDirect
LCWAQK	Pos HemDirect	Pos HemDirect
LD7GQR	Pos Quant Duo	Pos Quant Duo
LFXA4N	Pos Hemdirect	Pos Hemdirect
LHXJWD	Pos HemDirect	Pos HemDirect
LPKC3B	Pos HemaTrace	Pos HemaTrace
LTZZ8F	Pos HemDirect	Pos HemDirect
M73P2V	Pos Seratec HemDirect	Pos Seratec HemDirect
M9Y8EH	Pos	Pos
MB33XK	Pos Y-Screening	Pos Y-Screening
MCDT3V	Pos HemaTrace	Pos HemaTrace
MCTAXN	Pos Promega PowerQuant	Pos Promega PowerQuant
MMQX6K	Pos qPCR	Pos qPCR
MMT6AE	Pos HemaTrace	Pos HemaTrace
MW38GK	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
NFPYCA	Pos HemaTrace	Pos HemaTrace
NGW4ZB	Pos real-time PCR	Pos real-time PCR
NHYLNZ	Pos RSID	NT
NN2EJB	Pos HemaTrace	Pos HemaTrace
NN6BAE	Pos HemDirect	Pos HemDirect
NYZYVB	Pos HemDirect	Pos HemDirect
PTAZ88	Pos HemaTrace	Pos HemaTrace
QNVT8E	Pos	Pos
QT8KE8	Pos HemaTrace	Pos HemaTrace
R2C44G	Pos qPCR	Pos qPCR
RB3FK4	Pos HemaTrace	Pos HemaTrace
RKVQWJ	Pos PowerQuant	Pos PowerQuant
RLJDZ8	Pos HemDirect	NT
RN7PLB	Pos DNA	Pos DNA
RN9QRP	Pos HemaTrace	Pos HemaTrace
RNM9JA	Pos HemDirect	Pos HemDirect

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
RT2PBM	Pos Quantifiler Duo	Pos Quantifiler Duo
T4YTAE	Pos PowerQuant	Pos PowerQuant
TBDBD2	Pos Quant TRIO	Pos Quant TRIO
TBGFPC	Pos qRT-PCR	Pos qRT-PCR
THZMMA	Pos HT, Quant Trio	Pos HT, Quant Trio
TJD7GE	Pos RT-qPCR	Pos RT-qPCR
TJFXL2	Pos HemaTrace	Pos HemaTrace
TP6GLB	Pos	Pos
TU7WRK	Pos Quant Duo	Pos Quant Duo
U8WUP3	Pos HemaTrace	Pos HemaTrace
UAZP7K	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
UERQH7	Pos HemDirect	Pos HemDirect
UJBQRK	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
UJRJL9	Pos HemDirect	Pos HemDirect
UTUR3F	Pos OBTI	Pos OBTI
UVHUWF	Pos Quantifiler Trio	Pos Quantifiler Trio
UWXZC6	Pos HemaTrace	Pos HemaTrace
VC4KN2	Pos HemaTrace	Pos HemaTrace
VNDKYL	Pos HemaTrace	Pos HemaTrace
VWVVB2	Pos HemaTrace	Pos HemaTrace
W8LVC4	Pos HemDirect	Pos HemDirect
W97B6D	Pos	Pos
WBAFAK	Pos HemaTrace	Pos HemaTrace
WCW78J	Pos Quant Duo	Pos Quant Duo
WE4JUC	Pos qPCR	Pos qPCR
WEBAEH	Pos Quantifiler Trio	Pos Quantifiler Trio
WFWAZQ	Pos Hb SERATEC	Pos Hb SERATEC
WH2EGD	Pos Hexagon OBTI - Human Blood	Pos Hexagon OBTI - Human Blood
WNDVGA	Pos HemaTrace	Pos HemaTrace
WZNCZZ	Pos HemaTrace	Pos HemaTrace
X2UBJ8	Pos ABA HemaTrace card	Pos ABA HemaTrace card
X3QN8Z	Pos HemaTrace	Pos HemaTrace
XA89JD	Pos PowerQuant	Pos PowerQuant
XBWZA3	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
XCBWT9	Pos Human Blood card test	Pos Human Blood card test

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
XCHMDD	Pos PowerQuant	Pos PowerQuant
XP3FM7	Pos Y screening	Pos Y screening
XWNA6X	Pos HemaTrace	Pos HemaTrace
Y823JX	Pos HemaTrace	Pos HemaTrace
Y8FFZE	Pos PRECIPITIN	Pos PRECIPITIN
YPXGVG	Pos HTR (HemaTrace)	Pos HTR (HemaTrace)
YQCW8X	Pos HemaTrace	Pos HemaTrace
Z4QDME	Pos QUANT DUO	Pos QUANT DUO
Z7ZHDA	Pos	NT
ZC9TL4	Pos HemaTrace	Pos HemaTrace
ZEHVC9	Pos Quantifiler Trio	Pos Quantifiler Trio
ZUC83X	Pos HemaTrace	Pos HemaTrace

Table 1d: Serology Screening Response Summary - Human Origin		Participants: 185	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	182	174	
Negative	1	1	
Inconclusive	0	0	
Not Tested (NT)	2	7	
Not Reported	0	3	

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
2FL22E	Pos RT-PCR	Neg RT-PCR
2KFVYF	Pos Quantiplex (dosage)	Neg Quantiplex (dosage)
38B422	Pos	Neg
3VBAU7	NT lab policy, case scenario	NT lab policy, case scenario
46BGRG	Pos Quantifiler Trio	Neg Quantifiler Trio
4RUB84	Pos Plexor HY	Neg Plexor HY
66DC3Z	Pos Plexor HY	Neg Plexor HY
6PM8YD	Pos	Neg
6T28V6	Pos Quant	Neg Quant
6Z83AR	Pos QuantTrio	Neg QuantTrio
7DMYV2	Pos	Neg
8FAZB9	Pos Quantifiler Trio	Neg Quantifiler Trio
8H3YQH	Pos Quant Trio	Neg Quant Trio
9GVEL3	Pos qPCR	Neg qPCR
9LBXVW	Pos Plexor HY	Neg Plexor HY
C3LM2U	Pos	Neg
C6PLQT	Pos PlexorHY	Neg PlexorHY
C9X3JB	Pos NaOH, H2O, Acetic Acid. quant & Microcon	Neg NaOH, H2O, Acetic Acid. quant & Microcon
CF9X9W	Pos Plexor HY	Neg Plexor HY
CMWGTZ	Pos Quant	Neg Quant
CYWVEH	Pos Quant Trio	Neg Quant Trio
D8DF8U	Pos Plexor HY	Neg Plexor HY
DLALBW	Pos Quantifiler Trio	Neg Quantifiler Trio
E9EFDC	Pos Quant Trio	Neg Quant Trio
E9YL2P	Pos Plexor HY	Neg Plexor HY
EBRDDV	Pos Plexor HY	Neg Plexor HY
EDE3AT	Pos real-time PCR	Neg real-time PCR
ERJ4G6	Pos Casework Direct	Neg Casework Direct
EXNWK9	Pos Plexor HY	Neg Plexor HY
FK8NX8	Pos Plexor HY	Neg Plexor HY
G9XMGL	Pos DNA (PP21, YFP)	Neg DNA (PP21, YFP)
GCU2FQ	Pos RT-qPCR	Neg RT-qPCR
GFFULR	Pos Y-Screening	Neg Y-Screening
GFUND7	Pos NaOH Y screen	Neg NaOH Y screen
GNQW8R	Pos	Neg

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
GQDJG8	Pos Plexor HY	Neg Plexor HY
GRNJFL	Pos Plexor HY	Neg Plexor HY
GWJDDN	Pos Plexor HY	Neg Plexor HY
GYM4LN	Pos Plexor HY	Neg Plexor HY
GZXVMR	Pos RT PCR	Neg RT PCR
HKLRQP	Pos Plexor HY	Neg Plexor HY
HNK4MP	Pos Plexor HY	Neg Plexor HY
HXUFX2	Pos Plexor HY	Neg Plexor HY
JJ9BBQ	Pos Casework Direct	Neg Casework Direct
JLFTAL	Pos	Neg
JPAWVD	Pos Plexor HY Quantification Kit	Neg Plexor HY Quantification Kit
JTPBCR	Pos RT-PCR	Neg RT-PCR
JTW4MM	Pos	Neg
KH94X4	Pos Plexor HY	Neg Plexor HY
KKURBN	Pos qPCR	Neg qPCR
KRAQ7F	Pos QT Trio	Neg QT Trio
KTU3WL	Pos Plexor HY	Neg Plexor HY
LAVLJG	Pos Quant Trio, YFP	Neg Quant Trio
LPKC3B	Pos Plexor HY	Neg Plexor HY
M6FY7H	Pos Plexor HY Quantification kit	Neg Plexor HY Quantification kit
M9Y8EH	Pos	Neg
MB33XK	Pos Y-Screening	Neg Y-Screening
MBLL3R	Pos Quantifier Trio	Neg Quantifier Trio
MFDV9K	Pos Plexor HY	Neg Plexor HY
MMQX6K	Pos qPCR	Neg qPCR
N6A4ZG	Pos PlexorHY	Neg PlexorHY
NBFXUD	Pos Plexor HY	Neg Plexor HY
NCD76H	Pos Plexor HY	Neg Plexor HY
NHYLNZ	Pos NaOH screen	Neg NaOH screen
NJQZFD	Pos Plexor HY	Neg Plexor HY
NQAGWU	Pos Promega Casework Direct Kit	Neg Promega Casework Direct Kit
PM9JW2	Pos Plexor HY	Neg Plexor HY
QHYLEX	Pos Quant Trio	Neg Quant Trio
QNVT8E	Pos	Neg
R2C44G	Pos qPCR	Neg qPCR
RANBNQ	Pos Plexor HY	Neg Plexor HY
RDRV2Q	Pos Promega Casework Direct	Neg Promega Casework Direct

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
TBDBD2	Pos Quant TRIO	Neg Quant TRIO
TBGFPC	NT	Neg zygem, qRT-PCR
TJD7GE	Pos RT-qPCR	Neg RT-qPCR
TP6GLB	Pos	Neg
U8WUP3	Pos Plexor HY	Neg Plexor HY
UMDMHF	Pos Plexor HY	Neg Plexor HY
UWZQK9	Pos Plexor HY	Neg Plexor HY
V4ZHFN	Pos Promega Casework Direct Kit	Neg Promega Casework Direct Kit
W43D4C	Pos Y-Screening	Neg Y-Screening
W97B6D	Pos	Neg
WE4JUC	Pos qPCR	Neg qPCR
XBWZA3	Pos Quant Trio	Neg Quant Trio
XP3FM7	Pos Y screening	Neg Y screening
Y44CMJ	Pos Promega Casework Direct Kit	Neg Promega Casework Direct Kit
Z6CXLJ	Pos Plexor HY	Neg Plexor HY
ZC9TL4	Pos Plexor HY Quant Kit	Neg Plexor HY Quant Kit
ZK4RWP	Pos Plexor HY	Neg Plexor HY
ZVNM9N	Pos NaOH Y Screen	Neg NaOH Y Screen

Table 1e: Serology Screening Response Summary - Y ScreeningParticipants: **90**

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

	Item 3	Item 4
Positive	88	0
Negative	0	89
Inconclusive	0	0
Not Tested (NT)	2	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
24MMXN	hair Neg Visual examination	hair Neg Visual examination
24ZWH3	Human Blood Pos RSID	Human Blood Pos RSID
4F2YKH	Urine Neg Uritrace	Urine Neg Uritrace
4VEBDB		Urine Neg Uritrace
7RXZTB	Urine, Feces Neg DMAC, Creatinine, Urobilinogen	Urine, Feces Neg DMAC, Creatinine, Urobilinogen
BYCYW6	Urine Neg Uritrace	
EDFW77	Urine Neg Uritrace	Urine Neg Uritrace
J9ZH8G	PMB Neg SERATEC	PMB Pos SERATEC
JVJX9U	Urine Neg Uritrace	
KQZ93X	Urine, Feces Neg DMAC, Creatinine, Urobilinogen	Urine, Feces Neg DMAC, Creatinine, Urobilinogen
M73P2V	Feces Neg Urobilinogen	Feces Neg Urobilinogen
N76TBQ	Urine Neg Uritrace	
T9HUJT	Urine Neg Uritrace	Urine Neg Uritrace
YTNFML	Urine Neg Uritrace	Urine Neg Uritrace

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

23YRE9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
24MMXN	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
24TGZP	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
24ZWH3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
272GBN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
28Q7V3	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

28YB48	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
2AC84P	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
2BW9JK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
2CMETJ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
2DYFDX	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
2F29G4	PowerPlex® Fusion (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
2FL22E	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

2GWYEV	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
2HLUPX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
2J3FRT	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
2KFVYF	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
2LDLMN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
2PYKM4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
2QLED8	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

2RWEE9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
2U6FP8	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
2W9KQ9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
32GZ2H	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	
33JPJL	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
33R3NG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
34L6H4	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

34TL7B	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
377MNB	PowerPlex® Fusion (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
3DRHPE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NR	NR	NR		
3FEC92	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
3H724F	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
3KF3A9	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
3M4MTX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

3NXBBT	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
3P7NNN	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
3ULZ3H	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
3VBAU7	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
44GBB4	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	Not Tested	6,9.3	8,8
	16,18	No Results	Not Tested	Not Tested	Not Tested	
46BGRG	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
46K6JW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

49BM99	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
49WYBM	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
4BJMK3	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
4F2YKH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
4FTFM7	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
4FX7Y3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
4FY48D	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

4HLTHH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
4N36Z4	GlobalFiler™ (BulletProof v3.0)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
4NFNJQ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
4P2LHF	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	N/A
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	N/A	N/A	19,21	6,9.3	8,8
	16,18		N/A	N/A	N/A	
4VCGHJ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
4VEBDB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
4YBW4D	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

4Z4WXH	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
62GNNE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
644ACV	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
66BKXD	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
6DQJMB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6EFV63	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
6F9G2Z	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

6FXLTE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6GBDJB	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6LHXDA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6MHAGB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6PM8YD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6QHBMV	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6RA49P	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

6RQ8V4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6T28V6	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6T4TRK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
6T4WXG	GlobalFiler™ Express (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
6UQAQ8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6VB8YQ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
6VPJQ4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

6Z83AR	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
1	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
6ZDW44	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6ZW2WJ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
78GH4R	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7BMEZU	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7CRMPZ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
7EAWPK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

7F8B8C	GlobalFiler™ Express (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
7FAV3R	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7H2YP8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
7H9TWJ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	NT
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	NT	NT	19,21	6,9.3	8,8
	16,18	NR	NT	NT	NR	
7L9XUX	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
7LZAL8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
7NYPXB	Identifiler® Direct					
		22,25		15,17	8,12	
1	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

7RDYT7	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
7RXZTB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
7YBF6L	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7YFB36	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
7Z3JR2	Investigator® 24plex GO!					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	N/A				
82ZH3R	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
846RWM	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	NT
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	NT	NT	19,21	6,9.3	8,8
	16,18	NR	NT	NT	NR	

TABLE 2

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

Item 1 - STR Results

84FU2B	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
869JDQ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
87AXAV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
896GF4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
89BY7T	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
89KK8A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
8AK782	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

8CP7E9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8EQGQA	PowerPlex® 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NR	NR	NR		
8FAZB9	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8G4BXF	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
8GRW6J	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No result			No result	
8H3YQH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No result			No result	
8J3GR8	PowerPlex® Fusion 5C, ForenSeq Signature Prep - Primer Set B					
	15,17.3	22,25	11,14	15,17	8,12	11,19
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	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

8KEY87	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
8KUX6G	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
8KVBMQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	---			---	
8LV9GK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8NYV6W	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
8PYCHZ	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8RAEWQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

8T3KY3	GlobalFiler™ (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8UF2CG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8V7ZXM	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
8X34E3	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	-	-	-	-	
8X7H6A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
8XCR2G	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8XLVEE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

92HHLE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
962XW2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
96Z4FG	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
99WUF2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
9CYX63	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9DQ7H6	PowerPlex® Fusion5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
9EC9GE	GlobalFiler™ Express (STRmix™)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	

TABLE 2

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

Item 1 - STR Results

9GUK6H	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
9GVEL3	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
9HUW4C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
9JG9EW	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
9L86AH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9LBXVW	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9LMQGY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

9P6TJX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
9VCDQ4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9VE298	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9VTGBM	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
A2U827	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
A39H46	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
A3CJ8W	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

A4XFA3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results			No Results	
A8C3LB	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
A9ZHQD	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ABQW29	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ACFNYZ	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
ACR7RC	GlobalFiler™, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	no results			no results	
ACZTKR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

AHJBLG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
AKMKHW	PowerPlex® Fusion 6C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
ALBE6U	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	-				
AMJBDY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ANQR3G	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
AP7XVE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ARMAD3	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

ATY7H8	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
AVE7E4	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
AW2UNH	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
AWZ72C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
AXY97A	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
AYA796	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
B886P7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

B9DPD7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
B9VMKC	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
BCAQ3U	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
BCCYDM	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BCTBT7	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BDMQDQ	PowerPlex® 21, Fusion, Veriifler Express					
	15,17.3	22,25	11,14	15,17	8,12	11,19
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
BN823A	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

BNP4FC	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BP46K4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
BPFZ4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
BQCRTX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
BTEQ36	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
BURRXW	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results			No Results	
BVUBLL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

BYCYW6	GlobalFiler™					
1	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BYPTAK	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
BZGWWZ	GlobalFiler™					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
BZXUCR	GlobalFiler™ Express					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	
C2UJEE	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
C2VMKA	GlobalFiler™ Express (STRmix)					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
C3RUAG	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

C6PLQT	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
C73YVP	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
C77YXV	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
C8BWHX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
C8XPPB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
C9TD4Z	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
C9X3JB	GlobalFiler™ Express (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

CBB8EX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CBTHP8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CCNLZL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	-
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	-	-	19,21	6,9.3	8,8
	16,18	-	-	-	-	
CF83P2	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
CF9X9W	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
CKLL2G	Investigator® 24plex (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CMWGTZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

CPC39Z	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CPGL64	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CRJK6B	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
CTBD6Z	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
CVX676	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
CYWVEH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
D2KAEY	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

D4RPRW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
D74VE6	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
D8DF8U	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DB3KEV	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DBRZ9N	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DDLPM3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DFBXVH	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

DFHVRZ	GlobalFiler™, Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	Not Tested	Not Tested	19,21	6,9.3	8,8
	16,18	No Results	Not Tested	Not Tested	No Results	
DFJF8U	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
DFQ6B9	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DHABFW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DJ9FYC	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DJF2YX	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
DJPF79	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

DLALBW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DN4J74	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
DNHP8U	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
DNLUJ3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DPM38Y	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
DQJGUR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DQY3L2	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				

TABLE 2

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

Item 1 - STR Results

DT98YQ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DTVFL2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DUNA7Y	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DV39M8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DXH7BW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DY3JH8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DYUHFT	GlobalFiler™ (TrueAllele)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

E4CKAC	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
E9EFDC	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
EADWT3	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
EBRDDV	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ECMTUY	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
EDE3AT	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
EDFW77	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

EEBF98	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
EEBTX2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
EJA3BP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
ENZGT4	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ER22QW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ERWTL3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
EU9ZXN	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-				

TABLE 2

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

Item 1 - STR Results

EWTED6	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
EXNWK9	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
EY99XC	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
EZWHEL	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
F789UJ	PowerPlex® Fusion 6C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results		
F7WUY4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
FAV8F2	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

FDF2G9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
FG8GCA	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
FK7QPW	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
FNWCXR	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
FPH3LP	GlobalFiler™ (BulletProof Sentry)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
FRUZ98	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
FTLG6W	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

FUDWJQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
FVKCQW	GlobalFiler™					
	15,17.3	22,25	11,14	{15,17}	8,12	Not Tested
1	10,10	14,14	13,18	17,18	{12,13}	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	Not Tested	Not Tested	19,21	6,9.3	8,8
	16,18	No Results	Not Tested	Not Tested	No Results	
G38VRY	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
G39TZA	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
G4YWTG	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
G8VR8A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
G9XMGL	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
1	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

GABNDF	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
GBJ8T4	GlobalFiler™ Express (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
GBXMTX	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NT				
GCU2FQ	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
GEKJ23	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
GENQYC	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
GFDZV7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	

TABLE 2

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

Item 1 - STR Results

GFUND7	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
GGNX3V	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
GGQ2ZY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
GLYZ6R	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
GPG48V	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
GQDJG8	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
GQTWTW	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

GRCTH4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
GRNJFL	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
GU9HK4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	
GUH6DJ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
GVNLBP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	---			---	
GY72M3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
GYM4LN	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

GYU27Z	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
GZHLPK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
GZXVMR	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
H3MGYF	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
H43RZT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
H4FKFU	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
H4QXUH	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

H6AFUP	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
H739P9	Investigator® 24plex					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
H7N2ZY	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	ND	ND	ND		
H9AH3Y	GlobalFiler™ (STRmix)					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HEXXX	GlobalFiler™					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HFDRK7	GlobalFiler™ (STRmix)					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
HG863C	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

HH2TL8	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
HHHRUY	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HKLRQP	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
HLT3AL	GlobalFiler™ (TrueAllele)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HM7WPL	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
HPWUK8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
HTHHF7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

HTW6G8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HWHLCY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HZ2N97	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
HZF7Y7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
J2F64V	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
J2HTMU	Identifiler® Direct					
		22,25		15,17	8,12	
1	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
J3E2WY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

J4QUXT	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
J66ZF4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
J6N227	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
J8RXPf	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
J9ZH8G	PowerPlex® ESI 17 FAST					
	15,17.3	22,25	11,14	15,17		
1		14	13,18	17,18		9,12
	14,16	12.2,13.2	30,31.2	15,16	X	
	21,23			19,21	6,9.3	
	16,18					
JA2QW2	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JAPWEF	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

JBAL2R	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
JC9EKJ	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JD2VJT	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
JJNY7Q	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
JK3ENX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
JPAWVD	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JQ7684	GlobalFiler™ Express (STRMIX)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	

TABLE 2

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

Item 1 - STR Results

JRBVYQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JRD376	PowerPlex® Fusion 6C System, GlobalFiler™, NGM SElect					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JRURBQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JTPBCR	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
JUNFV8	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JVFW9G	DNA-17					
	15,17.3	22,25	11,14	15,17		
1		14,14	13,18	17,18		9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	
	21,23			19,21	6,9.3	
	16,18					
JVJX9U	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

JXHYP6	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
K3AHCL	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
K4QPZG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
K6J69L	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
K9WQWY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
K9ZHLU	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
KAGC3W	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

KATLKN	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
KAXZAV	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KBPP7Q	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	ND			ND	
KD27YW	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KENZ3Q	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	ND			ND	
KH94X4	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KHTWEL	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

KJ3HUU	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KJH6QN	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
KKURBN	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
KLVEG3	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KN8W46	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
KNT9LX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KQWQZT	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

KQZ93X	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KRAQ7F	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KTU3WL	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KVF8J4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KVK3EQ	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KYFGQY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
KYVENC	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

L2B3TG	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	
L2VYYP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
L3ACTD	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
L7AK4F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
L7NDTJ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
L8K8V3	Investigator® 24plex					
1						
L9VET4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

LAVLJG	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
1	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
LB9FYG	GlobalFiler™ (STR Mix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
LBGKBR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	Not Tested	Not Tested	19,21	6,9.3	8,8
	16,18	No Results	Not Tested	Not Tested	No Results	
LBMN7W	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
LCWAQK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
LFXA4N	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
LGX6WT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

LHA23X	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
LHF6DM	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
LHXJWD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
LL8K3B	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
LMG6VX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
LPAL4T	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
LPKC3B	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

LTZZ8F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
LVQ4DU	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
M32QNG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
M6FY7H	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
M73MGW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
M73P2V	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
M9DKVZ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

M9W3UK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
MABYB7	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
MBLL3R	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
MCDT3V	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
MCTAXN	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
MEUA4M	Identifiler® Direct					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
MH2KG4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

MMQX6K	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
MMW9ZW	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
MNLEJ3	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
MT7AGT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
MV844H	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
MW38GK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
MY2FTG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

MYJ3T4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	no results			no results	
MZ6UMV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
N2A6FQ	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NT				
N3MHCZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
N6A4ZG	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
N76TBQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
N773AU	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

N9T8ZZ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
NAK9LP	Identifiler® Plus					
		22,25		15,17	8,12	
1	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
NBFXUD	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
NFEZCZ	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
NFPYCA	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
NFWGH8	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
1	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
NGW4ZB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

NHC7A6	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
NHYLNZ	GlobalFiler™ Express, GlobalFiler					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
NJQZFD	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
NK2Z7T	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NR	NR	NR		
NLYA9B	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
NN6BAE	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
NPQ8DK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

NR7W6K	Investigator® 24plex GO!					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
NUYKU8	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
NWUGWE	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	
NXDFA6	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
NYZYVB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
P2K4AZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
P7KG7P	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

PA6B3Q	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
PELN7A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
PM9JW2	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
PN6FHV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
PNKUUC	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
PRELDM	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
PTRY9C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

PV2369	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
PV4ZQH	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
PVFMEK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
PWV4DX	GlobalFiler™ Express (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
PZ2JTG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
Q2JUML	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
Q3JQGP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

Q7GAJN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
QDQDV8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results			No Results	
QMNDXN	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
QNRQ82	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
QU6AX9	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
QUUHBC	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
QVYXG6	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
1	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

QYRWZM	Identifiler® Direct					
		22,25		15,17	8,12	
1	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
QYYQBH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
R2C44G	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
R36UAV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
R48HXZ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
R89MJL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NA			NA	
R9NPQU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

RANBNQ	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RB3FK4	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RB3NGU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
RDRV2Q	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NID			NID	
RGRXZZ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RGUTE6	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	-----
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18		-----	-----	-----	
RHHA9K	PowerPlex® Fusion (STRmix V2.4.08)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

RJBXDE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
RJCXQF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
RKVQWJ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
RLJZ8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
RMHHRM	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RN7PLB	Identifiler® Plus					
		22,25		15,17	8,12	
1	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X	8,11
	21,23				6,9.3	8
	16,18					
RN9QRP	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

RNM9JA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
RQJDP4	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RT7CKD	PowerPlex® 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
RW88RV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
RW89CU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	NT
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	NT	NT	19,21	6,9.3	8
	16,18	NR	NT	NT	NR	
RWGA4U	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
RXYEMT	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results				

TABLE 2

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

Item 1 - STR Results

RYAYV3	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
RZ99VY	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
T44J64	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
T4WR3E	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results		No Results		
T4YTAE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
T9HUJT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
TBDBD2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR		NR		

TABLE 2

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

Item 1 - STR Results

TBGFPC	PowerPlex® Fusion (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
TBLW2H	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TBXKE3	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TF8PZB	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
TFPYTB	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
THZMMA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TJD7GE	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

TJXNVL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TMV33P	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TPGEGF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
TRUBFC	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TU7WRK	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
TWZVEC	PowerPlex® 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
TZ3FE3	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

U7DGVQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
U8GQYG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
UAZP7K	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
UERQH7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
UF7CVE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
UFRRKH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
UGDR3K	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	N/A
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	N/A	6,9.3	8
	16,18	NR/NE	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

UJBQRK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
UJRJL9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
ULFE8B	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
UMDMHF	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
UTUR3F	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
UUBFRU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
UVHUWF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

UX78MK	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
UYVQ9H	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
VAE249	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
VC2GTH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
VC4KN2	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VDHBEX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
VEYQCZ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

VGGMAX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VJYTL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VLJAHU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
VNDKYL	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VQMD4L	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
VQYDPU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
VLLMB	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

VZ9Z4G	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
W2WVYN	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
W43D4C	GlobalFiler™					
	15,17.3	22,25	11,14	INC	8,12	
1	10	14	---	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			INC	6,9.3	8
	16,18					
W4B996	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
W9ERYC	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
WBPLMP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WBWZK6	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

WCW78J	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
WE4JUC	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
WEBAEH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
WEPXJP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WFJEZT	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
WFWAZQ	PowerPlex® Fusion, ESX17, 21					
	15,17.3	22,25	11,14	15,17	8,12	11,19
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
WFYXNW	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

WH2EGD	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
WJDYJV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
WJWJ8M	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WMLRUU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	NA
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NA	NA	NA	NA	
WNDVGA	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
WRCG3E	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WUYGGG	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					

TABLE 2

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

Item 1 - STR Results

WVPJNA	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results			No Results	
WVQE8F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	not tested
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	not tested	not tested	19,21	6,9.3	8,8
	16,18	NR	not tested	not tested	NR	
WXXJ4P	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
WZN7TE	Identifiler® Direct					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
X2UBJ8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
X3QN8Z	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
X3THER	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

X8L49U	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
X96UPU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
XA3CR7	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
XA89JD	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
XART6B	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XARVUF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XBWZA3	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results		

TABLE 2

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

Item 1 - STR Results

XC4B2N	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	not tested
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	no result	no result	no result	not tested	
XCBWT9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
XCHMDD	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
XH6Q4G	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
XK46CE	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
XKEQ9N	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XMGE3R	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

XWH9PP	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XXGBGE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
Y823JX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
Y8FFZE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	INC
	16,18					
Y9YYJT	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
YD6NTL	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YDFCMD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	Not Tested	Not Tested	19,21	6,9.3	8,8
	16,18	No Results	Not Tested	Not Tested	No Results	

TABLE 2

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

Item 1 - STR Results

YEKW8F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
YEMVY4	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
YHHU3Z	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YHXXTL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	
YHYRCR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YJMTCZ	Identifiler® Plus (Genotyper 3.7)					
		22,25		15,17	8,12	
1	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
YMUH4W	Investigator® 24plex (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

YN4TCL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Result			No Result	
YNB6KW	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
1	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
YPXGVG	Identifiler® Plus					
		22,25		15,17	8,12	
1	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
YQCW8X	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YRNKWP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
YTNFML	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YVQFKX	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

YXHPYL	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
Z2UA6Y	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
Z2UKCH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
Z6WKBU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
Z7X87X	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	-
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	-	-	19,21	6,9.3	8,8
	16,18	-	-	-	-	
Z7ZHDA	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
Z8MLFH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

Z94ABN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
Z9B6BN	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZB2GUU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZCV6DP	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZEHVC9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZG2YUD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZHFVM4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

ZHWWNK	GlobalFiler™					
1	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
ZHYGKZ	PowerPlex® Fusion 6C Direct					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZTEZQX	PowerPlex® Fusion 6C					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZTHVM3	PowerPlex® ESX 16 Fast (GeneMapper)					
1	15,17.3	22,25	11,14	15,17		
		14,14	13,18	17,18		9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	
	21,23				6,9.3	
	16,18					
ZUC83X	Investigator® 24plex					
1	15,17.3	22,25	11,14	15,17	8,12	
	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
ZV9ULF	GlobalFiler™					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZVAYAH	GlobalFiler™ Express					
1	15,17.3	22,25	11,14	15,17	8,12	
	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 1 - STR Results

ZVNM9N	GlobalFiler™ Express (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
ZXVYAY	PowerPlex® Fusion 6C Direct					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZZTUM2	GlobalFiler™ Express					
	15,17.3	22,25	11,14	15,17	8,12	
1	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	

TABLE 2

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

Item 2 - STR Results

23YRE9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
24MMXN	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
24TGZP	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
24ZWH3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
272GBN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
28Q7V3	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
28YB48	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

2AC84P	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
2BW9JK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2CMETJ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
2DYFDX	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
2F29G4	PowerPlex® Fusion (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
2FL22E	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
2GWYEV	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 2 - STR Results

2HLUPX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2J3FRT	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
2KFVYF	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
2LDLMN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2PYKM4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2QLED8	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
2RWEE9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

2U6FP8	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
2W9KQ9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
32GZ2H	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
33JPJL	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
33R3NG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
34L6H4	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
34TL7B	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

377MNB	PowerPlex® Fusion (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
3DRHPE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
3FEC92	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
3H724F	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
3KF3A9	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
3M4MTX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
3NXBBT	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

3P7NNN	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
3ULZ3H	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
3VBAU7	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
44GBB4	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	Not Tested	Not Tested	16,29.2	6,8	8,8
	17,17	10	Not Tested	Not Tested	Not Tested	
46BGRG	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
46K6JW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
49BM99	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					

TABLE 2

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

Item 2 - STR Results

49WYBM	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
4BJMK3	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
4F2YKH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
4FTFM7	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
4FX7Y3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
4FY48D	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
4HLTHH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

4N36Z4	GlobalFiler™ (BulletProof v3.0)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
4NFNJQ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
4P2LHF	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	N/A
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	N/A	N/A	16,29.2	6,8	8,8
	17,17	10	N/A	N/A	N/A	
4VCGHJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
4VEBDB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
4YBW4D	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
4Z4WXH	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

62GNNE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
644ACV	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
66BKXD	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
6DQJMB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6EFV63	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
6F9G2Z	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6FXLTE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

6GBDJB	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
6LHXDA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6MHAGB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6PM8YD	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6QHBMV	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6RA49P	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6RQ8V4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

6T28V6	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6T4TRK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6T4WXG	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6UQAQ8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6VB8YQ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6VPJQ4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6Z83AR	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
2	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					

TABLE 2

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

Item 2 - STR Results

6ZDW44	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6ZW2WJ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
78GH4R	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7BMEZU	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7CRMPZ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
7EAWPK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
7F8B8C	GlobalFiler™ Express (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

7FAV3R	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7H2YP8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7H9TWJ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	NT
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	NT	NT	16,29.2	6,8	8,8
	17,17	10	NT	NT	2	
7L9XUX	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
7LZAL8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7NYPXB	Identifiler® Direct					
		17,23		14,15	12,13	
2	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
7RDYT7	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 2 - STR Results

7RXZTB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7YBF6L	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7YFB36	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
7Z3JR2	Investigator® 24plex GO!					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
82ZH3R	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
846RWM	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	NT
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	NT	NT	16,29.2	6,8	8,8
	17,17	10	NT	NT	2	
84FU2B	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

869JDQ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
87AXAV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	12
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
896GF4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
89BY7T	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
89KK8A	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8AK782	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8CP7E9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

8EQGQA	PowerPlex® 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8FAZB9	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
8G4BXF	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
8GRW6J	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8H3YQH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8J3GR8	PowerPlex® Fusion 5C, ForenSeq Signature Prep Kit B					
	14,15.3	17,23	10,11	14,15	12,13	12,15
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10	19	16		
8KEY87	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				

TABLE 2

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

Item 2 - STR Results

8KUX6G	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8KVBMQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8LV9GK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8NYV6W	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
8PYCHZ	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8RAEWQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8T3KY3	GlobalFiler™ (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

8UF2CG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8V7ZXM	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8X34E3	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
8X7H6A	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8XCR2G	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8XLVEE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
92HHLE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 2 - STR Results

962XW2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
96Z4FG	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
99WUF2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9CYX63	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9DQ7H6	PowerPlex® Fusion5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
9EC9GE	GlobalFiler™ (STRmix™)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9GUK6H	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

9GVEL3	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
9HUW4C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9JG9EW	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
9L86AH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9LBXVW	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
9LMQGY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9P6TJX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

9VCDQ4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9VE298	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9VTGBM	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
A2U827	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
A39H46	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
A3CJ8W	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
A4XFA3	GlobalFiler™, Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

A8C3LB	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
A9ZHQD	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
ABQW29	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ACFNYZ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
ACR7RC	GlobalFiler™, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ACZTKR	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
AHJBLG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

AKMKHW	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
ALBE6U	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
AMJBDY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ANQR3G	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
AP7XVE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ARMAD3	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
ATY7H8	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	

TABLE 2

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

Item 2 - STR Results

AVE7E4	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
AW2UNH	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
AWZ72C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
AXY97A	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
AYA796	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
B886P7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
B9DPD7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

B9VMKC	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
BCAQ3U	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
BCCYDM	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
BCTBT7	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
BDMQDQ	PowerPlex® 21, Fusion, Verifiler Express					
	14,15.3	17,23	10,11	14,15	12,13	12,15
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10			2	
BN823A	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
BNP4FC	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

BP46K4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
BPFZ4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
BQCRTX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
BTEQ36	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
BURRXW	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
BVUBLL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
BYCYW6	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

BYPTAK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
BZGWWZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
BZXUCR	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C2UJEE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
C2VMKA	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C3RUAG	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
C6PLQT	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 2 - STR Results

C73YVP	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
C77YXV	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
C8BWHX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C8XPPB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C9TD4Z	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
C9X3JB	GlobalFiler™ Express (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CBB8EX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

CBTHP8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CCNLZL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	-
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	-	-	16,29.2	6,8	8,8
	17,17	10	-	-	2	
CF83P2	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
CF9X9W	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
CKLL2G	Investigator® 24plex (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
CMWGTZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CPC39Z	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

CPGL64	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CRJK6B	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
CTBD6Z	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
CVX676	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
CYWVEH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
D2KAEY	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
D4RPRW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

D74VE6	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
D8DF8U	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
DB3KEV	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DBRZ9N	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
DDLPM3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DFBXVH	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DFHVRZ	GlobalFiler™, Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	Not Tested	Not Tested	16,29.2	6,8	8,8
	17,17	10	Not Tested	Not Tested	2	

TABLE 2

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

Item 2 - STR Results

DFJF8U	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
DFQ6B9	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DHABFW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DJ9FYC	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DJF2YX	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
DJPF79	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DLALBW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

DN4J74	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
DNHP8U	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DNLUJ3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DPM38Y	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
DQJGUR	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DQY3L2	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
DT98YQ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

DTVFL2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DUNA7Y	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DV39M8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DXH7BW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DY3JH8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DYUHFT	GlobalFiler™ (TrueAllele)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
E4CKAC	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

E9EFDC	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EADWT3	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
EBRDDV	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
ECMTUY	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EDE3AT	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
EDFW77	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EEBF98	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

EEBTX2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
EJA3BP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ENZGT4	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ER22QW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ERWTL3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
EU9ZXN	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
EWTEd6	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

EXNWK9	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
EY99XC	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EZWHEL	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
F789UJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
F7WUY4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
FAV8F2	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
FDF2G9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

FG8GCA	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
FK7QPW	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
FNWCXR	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
FPH3LP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
FRUZ98	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
FTLG6W	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
FUDWJQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

Item	Kit	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
FVKCQW	GlobalFiler™	14,15.3	17,23	10,11	14,15	12,13	Not Tested
	2	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26	Not Tested	Not Tested	16,29.2	6,8	8,8
		17,17	10	Not Tested	Not Tested	2	
G38VRY	PowerPlex® Fusion 6C	14,15.3	17,23	10,11	14,15	12,13	
	2	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26	10,15	5,11	16,29.2	6,8	8,8
		17,17	10	19	16		
G39TZA	Investigator® 24plex	14,15.3	17,23	10,11	14,15	12,13	
	2	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8,8
		17,17	10				
G4YWTG	Investigator® 24plex	14,15.3	17,23	10,11	14,15	12,13	
	2	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8,8
		17,17	10				
G8VR8A	GlobalFiler™	14,15.3	17,23	10,11	14,15	12,13	
	2	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8,8
		17,17	10			2	
G9XMGL	PowerPlex® 21	14,15.3	17,23		14,15	12,13	12,15
	2	10,10	14,15		16,18	10,13	11,13
		13,17	13,13	29,30		X,Y	11,12
		18.2,26	10,15	5,11		6,8	8,8
		17,17					
GABNDF	PowerPlex® Fusion 6C	14,15.3	17,23	10,11	14,15	12,13	
	2	10	14,15	12,18	16,18	10,13	11,13
		13,17	13	29,30	14,16	X,Y	11,12
		18.2,26	10,15	5,11	16,29.2	6,8	8
		17	10	19	16		

TABLE 2

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

Item 2 - STR Results

GBJ8T4	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GBXMTX	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
GCU2FQ	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
GEKJ23	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GENQYC	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
GFDZV7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GFUND7	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

GGNX3V	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
GGQ2ZY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GLY26R	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GPG48V	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
GQDJG8	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
GQTWTW	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
GRCTH4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

GRNJFL	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
GU9HK4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GUH6DJ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GVNLBP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GY72M3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GYM4LN	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
GYU27Z	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

GZHLPK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GZXVMR	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
H3MGYF	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
H43RZT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
H4FKFU	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
H4QXUH	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
H6AFUP	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 2 - STR Results

H739P9	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
H7N2ZY	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
H9AH3Y	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HEXXX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HFDRK7	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HG863C	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
HH2TL8	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

HHHRUY	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
HKLRQP	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
HLT3AL	GlobalFiler™ (TrueAllele)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HM7WPL	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
HPWUK8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
HTHHF7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HTW6G8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

HWHLCY	GlobalFiler™					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17	10			2	
HZ2N97	PowerPlex® Fusion 6C					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26	10,15	5,11	16,29.2	6,8
	17	10	19	16		
HZF7Y7	GlobalFiler™					
		14,15.3	17,23	10,11	14,15	12,13
	2	10,10	14,15	12,18	16,18	10,13
		13,17	13,13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17,17	10			2	
J2F64V	PowerPlex® Fusion 5C					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26	10,15	5,11	NA	6,8
	17	10	NA	NA	NA	
J2HTMU	Identifiler® Direct					
			17,23		14,15	12,13
	2	10	14,15		10,13	11,13
		13,17	13	29,30		X,Y
		18.2,26				6,8
	17					
J3E2WY	GlobalFiler™					
		14,15.3	17,23	10,11	14,15	12,13
	2	10,10	14,15	12,18	16,18	10,13
		13,17	13,13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17,17	10			2	
J4QUXT	PowerPlex® Fusion 6C					
		14,15.3	17,23	10,11	14,15	12,13
	2	10,10	14,15	12,18	16,18	10,13
		13,17	13,13	29,30	14,16	X,Y
		18.2,26	10,15	5,11	16,29.2	6,8
	17,17	10	19	16		

TABLE 2

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

Item 2 - STR Results

J66ZF4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
J6N227	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
J8RXPf	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
J9ZH8G	PowerPlex® ESI 17 FAST					
	14,15.3	17,23	10,11	14,15		
2		14,15	12,18	16,18		11,13
	13,17	13	29,30	14,16	X,Y	
	18.2,26			16,29.2	6,8	
	17					
JA2QW2	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JAPWEF	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JBAL2R	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

JC9EKJ	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JD2VJT	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
JJNY7Q	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
JK3ENX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
JPAWVD	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
JQ7684	GlobalFiler™ Express (STRMIX)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
JRBVYQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

JRD376	PowerPlex® Fusion 6C System, GlobalFiler™, NGM SElect					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
JRURBQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
JTPBCR	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
JUNFV8	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JVFW9G	DNA-17					
	14,15.3	17,23	10,11	14,15		
2		14,15	12,18	16,18		11,13
	13,17	13,13	29,30	14,16	X,Y	
	18.2,26			16,29.2	6,8	
	17,17					
JVJX9U	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
JXHYP6	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					

TABLE 2

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

Item 2 - STR Results

K3AHCL	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
K4QPZG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
K6J69L	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
K9WQWY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
K9ZHLU	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
KAGC3W	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
KATLKN	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 2 - STR Results

KAXZAV	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
KBPP7Q	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KD27YW	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
KENZ3Q	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KH94X4	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
KHTWEL	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
KJ3HUU	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

KJH6QN	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
KKURBN	PowerPlex® Fusion 5c					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
KLVEG3	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
KN8W46	PowerPlex® PPFusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
KNT9LX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KQWQZT	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
KQZ93X	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

KRAQ7F	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
KTU3WL	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
KVF8J4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KVK3EQ	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KYFGQY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KYVENC	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
L2B3TG	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

L2VYYP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
L3ACTD	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
L7AK4F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
L7NDTJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
L8K8V3	Investigator® 24plex					
2						
L9VET4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
LAVLJG	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
2	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					

TABLE 2

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

Item 2 - STR Results

LB9FYG	GlobalFiler™ (STR Mix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
LBGKBR	GlobalFiler™					
	14,15.3	{17,23}	10,11	14,15	12,13	Not Tested
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	Not Tested	Not Tested	16,29.2	6,8	8,8
	17,17	10	Not Tested	Not Tested	2	
LBMN7W	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
LCWAQK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LFXA4N	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LGX6WT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LHA23X	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

LHF6DM	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
LHXJWD	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LL8K3B	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
LMG6VX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LPAL4T	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LPKC3B	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
LTZZ8F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

LVQ4DU	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
M32QNG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
M6FY7H	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
M73MGW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
M73P2V	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
M9DKVZ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
M9W3UK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

MABYB7	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
MBLL3R	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
MCDT3V	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
MCTAXN	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
MEUA4M	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
MH2KG4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
MMQX6K	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 2 - STR Results

MMW9ZW	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
MNLEJ3	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
MT7AGT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
MV844H	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
MW38GK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
MY2FTG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
MYJ3T4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

MZ6UMV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
N2A6FQ	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,[16]	X,Y	11,12
	18.2,26	10,15	5,11		6,[8]	8
	17	10				
N3MHCZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
N6A4ZG	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
N76TBQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
N773AU	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
N9T8ZZ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

NAK9LP	Identifiler® Plus					
		17,23		14,15	12,13	
2	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
NBFXUD	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
NFEZCZ	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
NFPYCA	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
NFWGH8	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
2	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
NGW4ZB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
NHC7A6	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

NHYLNZ	GlobalFiler™ Express, GlobalFiler					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
NJQZFD	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
NK2Z7T	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
NLYA9B	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
NN6BAE	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
NPQ8DK	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
NR7W6K	Investigator® 24plex GO!					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

NUYKU8	PowerPlex® Fusion 6C					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26	10,15	5,11	16,29.2	6,8
	17	10	19	16		
NWUGWE	GlobalFiler™ Express					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17	10			2	
NXDFA6	PowerPlex® Fusion 6C					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26	10,15	5,11	16,29.2	6,8
	17	10	19	16		
NYZYVB	GlobalFiler™					
		14,15.3	17,23	10,11	14,15	12,13
	2	10,10	14,15	12,18	16,18	10,13
		13,17	13,13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17,17	10			2	
P2K4AZ	GlobalFiler™					
		14,15.3	17,23	10,11	14,15	12,13
	2	10,10	14,15	12,18	16,18	10,13
		13,17	13,13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17,17	10			2	
P7KG7P	GlobalFiler™					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17	10			2	
PA6B3Q	Investigator® 24plex QS					
		14,15.3	17,23	10,11	14,15	12,13
	2	10	14,15	12,18	16,18	10,13
		13,17	13	29,30	14,16	X,Y
		18.2,26			16,29.2	6,8
	17	10				

TABLE 2

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

Item 2 - STR Results

PELN7A	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
PM9JW2	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
PN6FHV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
PNKUUC	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
PRELDM	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
PTRY9C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
PV2369	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

PV4ZQH	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
PVFMEK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
PWV4DX	GlobalFiler™ Express (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
PZ2JTG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Q2JUML	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Q3JQGP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Q7GAJN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

QDQDV8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
QMNDXN	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
QNRQ82	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
QU6AX9	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
QUUHBC	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
QVYXG6	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
2	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
QYRWZM	Identifiler® Direct					
		17,23		14,15	12,13	
2	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					

TABLE 2

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

Item 2 - STR Results

QYYQBH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
R2C44G	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
R36UAV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
R48HXZ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
R89MJL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
R9NPQU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RANBNQ	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

RB3FK4	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RB3NGU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
RGRZZ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RGUTE6	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	-----
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	-----	
RHHA9K	PowerPlex® Fusion (STRmix V2.4.08)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
RJBXDE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
RJCXQF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

RKVQWJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
RLJZ8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RMHHRM	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RN7PLB	Identifiler® Plus					
		17,23		14,15	12,13	
2	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
RN9QRP	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
RNM9JA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RQJDP4	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

RT7CKD	PowerPlex® 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
RW88RV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
RW89CU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	NT
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	NT	NT	16,29.2	6,8	8
	17	10	NT	NT	2	
RWGA4U	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RXYEMT	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
RYAYV3	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
RZ99VY	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

T44J64	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
T4WR3E	PowerPlex® Fusion, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
T4YTAE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
T9HUJT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
TBDBD2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
TBGFPC	PowerPlex® Fusion (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
TBLW2H	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

TBXKE3	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
TF8PZB	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
TFPYTB	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
THZMMA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TJD7GE	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
TJXNVL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TMV33P	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

TPGEGF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
TRUBFC	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TU7WRK	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
TWZVEC	PowerPlex® 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
TZ3FE3	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
U7DGVQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
U8GQYG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

UAZP7K	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
UERQH7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
UF7CVE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
UFRRKH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
UGDR3K	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	N/A
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	N/A	6,8	8
	17	10	N/A	N/A	N/A	
UJBQRK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
UJRJL9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

ULFE8B	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
UMDMHF	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
UTUR3F	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
UUBFRU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
UVHUWF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
UX78MK	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
UYVQ9H	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10,10	19,19	16,16		

TABLE 2

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

Item 2 - STR Results

VAE249	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
VC2GTH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
VC4KN2	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VDHBEX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
VEYQCZ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
VGGMAX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VJYTL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

VLJAHU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
VNDKYL	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VQMD4L	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
VQYDPU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
VLLMB	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VZ9Z4G	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
W2WVYN	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

W43D4C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	---	14,15	12,18	16,18	10,13	11,13
	INC	13	INC	14,16	X,Y	11,12
	18.2,26			---	6,8	8
	17	---			2	
W4B996	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
W9ERYC	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
WBPLMP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WBWZK6	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
WCW78J	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
WE4JUC	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 2 - STR Results

WEBAEH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
WEPXJP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WFJEZT	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
WFWAZQ	PowerPlex® Fusion, ESX17, 21					
	14,15.3	17,23	10,11	14,15	12,13	12,15
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10				
WFYXNW	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
WH2EGD	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
WJDYJV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

WJWJ8M	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WMLRUU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	NA
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	NA	
WNDVGA	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
WRCG3E	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
WUYGGG	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
WVPJNA	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WVQE8F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	not tested
2	10,10	14,15	12,18	16,18	10,13	11,13
	{13,17}	13,13	29,30	14,16	X,Y	11,12
	18.2,26	not tested	not tested	16,29.2	6,8	8,8
	17,17	10	not tested	not tested	2	

TABLE 2

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

Item 2 - STR Results

WXXJ4P	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
WZN7TE	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,16				6,8	8,8
	17,17					
X2UBJ8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
X3QN8Z	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
X3THER	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
X8L49U	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
X96UPU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

XA3CR7	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
XA89JD	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
XART6B	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
XARVUF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
XBWZA3	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
XC4B2N	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	not tested
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	not tested	
XCBWT9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

XCHMDD	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
XH6Q4G	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
XK46CE	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
XKEQ9N	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
XMGE3R	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
XWH9PP	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
XXGBGE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 2 - STR Results

Y823JX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
Y8FFZE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Y9YYJT	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
YD6NTL	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
YDFCMD	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	Not Tested	Not Tested	16,29.2	6,8	8,8
	17,17	10	Not Tested	Not Tested	2	
YEKW8F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
YEMVY4	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 2 - STR Results

YHHU3Z	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
YHXXTL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YHYRCR	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YJMTCZ	Identifiler® Plus (Genotyper 3.7)					
		17,23		14,15	12,13	
2	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
YMUH4W	Investigator® 24plex (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
YN4TCL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YNB6KW	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
2	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					

TABLE 2

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

Item 2 - STR Results

YPXGVG	Identifiler® Plus					
		17,23		14,15	12,13	
2	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
YQCW8X	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
YRNKWP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
YTNFML	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YVQFKX	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
YXHPYL	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Z2UA6Y	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

Z2UKCH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Z6WKBU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
Z7X87X	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	-
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	-	-	16,29.2	6,8	8,8
	17,17	10	-	-	2	
Z7ZHDA	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Z8MLFH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Z94ABN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Z9B6BN	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 2 - STR Results

ZB2GUU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZCV6DP	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZEHVC9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZG2YUD	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZHFVM4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZHWWNK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ZHYGKZ	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

ZTEZQX	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZTHVM3	PowerPlex® ESX 16 Fast (GeneMapper)					
	14,15.3	17,23	10,11	14,15		
2		14,15	12,18	16,18		11,13
	13,17	13,13	29,30	14,16	X,Y	
	18.2,26				6,8	
	17,17					
ZUC83X	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
2	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
ZV9ULF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZVAYAH	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZVNM9N	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZXVYAY	PowerPlex® Fusion 6C Direct					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 2 - STR Results

ZZTUM2	GlobalFiler™ Express					
	14,15.3	17,23	10,11	14,15	12,13	
2	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

23YRE9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
24MMXN	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
24TGZP	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
24ZWH3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
272GBN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
28Q7V3	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
28YB48	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

2AC84P	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
2BW9JK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2CMETJ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
2DYFDX	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
2F29G4	PowerPlex® Fusion (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
2FL22E	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
2GWYEV	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

2HLUPX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2J3FRT	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
2KFVYF	Identifiler® Plus					
		17,23		14,15	18.2,26	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		12,13	11,12
					6,8	8,8
	17,17					
2LDLMN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2PYKM4	GlobalFiler™ (STRMIX)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
2QLED8	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
2RWEE9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

2U6FP8	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
2W9KQ9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
32GZ2H	GlobalFiler™ (STRmix 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
33JPJL	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
33R3NG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
34TL7B	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
377MNB	PowerPlex® Fusion (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				

TABLE 2

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

Item 3 - STR Results

3DRHPE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
3FEC92	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
3H724F	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
3KF3A9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
3M4MTX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
3NXBBT	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
3P7NNN	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

3ULZ3H	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
3VBAU7	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
44GBB4	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	Not Tested	6,8	8,8
	17,17	10	Not Tested	Not Tested	Not Tested	
46BGRG	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
46K6JW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
49BM99	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
49WYBM	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

4BJMK3	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
4F2YKH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
4FX7Y3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
4FY48D	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
4HLTHH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
4N36Z4	GlobalFiler™ (BulletProof v3.0)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
4NFNJQ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

4P2LHF	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	N/A
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	N/A	N/A	16,29.2	6,8	8,8
	17,17	10	N/A	N/A	N/A	
4VCGHJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
4VEBDB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
4YBW4D	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
62GNNE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
644ACV	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
66BKXD	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	

TABLE 2

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

Item 3 - STR Results

6DQJMB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6EFV63	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
6F9G2Z	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6FXLTE	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6LHXDA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6MHAGB	GlobalFiler™ (STRmix)					
	14,15.3	16,17,22,23	10,11	14,15	12,13	
3	10	14,15	12,17,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	16,17	10			2	
6PM8YD	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

6QHBMY	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6RA49P	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6RQ8V4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6T28V6	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6T4TRK	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6T4WXG	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6UQAQ8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

6VB8YQ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
6VPJQ4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6Z83AR	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
3	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
6ZDW44	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
6ZW2WJ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
78GH4R	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7BMEZU	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

7CRMPZ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
7EAWPK	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
7F8B8C	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7FAV3R	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7H2YP8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7H9TWJ	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	NT
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	NT	NT	16,29.2	6,8	8,8
	17,17	10	NT	NT	2	
7L9XUX	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

7LZAL8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7NYPXB	Identifiler® Plus					
		17,23		14,15	12,13	
3	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
7RDYT7	PowerPlex® 16					
				14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17		29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
7RXZTB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
7YBF6L	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
7YFB36	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
7Z3JR2	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

82ZH3R	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
846RWM	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	NT
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	NT	NT	16,29.2	6,8	8,8
	17,17	10	NT	NT	2	
84FU2B	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
869JDQ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
87AXAV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	12
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
896GF4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
89BY7T	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

89KK8A	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8AK782	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8CP7E9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8EQGQA	PowerPlex® 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8FAZB9	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
8G4BXF	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
8GRW6J	GlobalFiler™ (STRmix version 2.4.06)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

8H3YQH	GlobalFiler™ (STRmix 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8J3GR8	PowerPlex® Fusion 5C, ForenSeq Signature Prep Kit B					
	14,15.3	17,23	10,11	14,15	12,13	12,15
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10	19	16		
8KEY87	PowerPlex® Fusion (STRMix v.2.4.08)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
8KUX6G	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8KVBMQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8LV9GK	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8NYV6W	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

8PYCHZ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8RAEWQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8T3KY3	GlobalFiler™ (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8UF2CG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
8V7ZXM	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
8X34E3	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
8X7H6A	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

8XCR2G	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
8XLVEE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
92HHLE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
962XW2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
96Z4FG	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
99WUF2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9CYX63	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

9DQ7H6	PowerPlex® Fusion5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
9EC9GE	GlobalFiler™, MiniFiler™ (STRmix™)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9GUK6H	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
9GVEL3	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
9HUW4C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9JG9EW	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
9L86AH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

9LBXVW	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
9LMQGY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9P6TJX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
9VCDQ4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9VE298	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
9VTGBM	Investigator® 24plex (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
A2U827	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	

TABLE 2

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

Item 3 - STR Results

A39H46	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
A3CJ8W	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
A4XFA3	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
A8C3LB	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ABQW29	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ACR7RC	GlobalFiler™, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ACZTKR	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

AHJBLG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
AKMKHW	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
ALBE6U	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
AMJBDY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ANQR3G	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
AP7XVE	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ARMAD3	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				

TABLE 2

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

Item 3 - STR Results

ATY7H8	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
AVE7E4	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
AW2UNH	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
AWZ72C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
AXY97A	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
AYA796	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
B886P7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

B9DPD7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
BCAQ3U	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
BCCYDM	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
BCTBT7	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
BDMQDQ	PowerPlex® 21, Fusion, Verifiler Express					
	14,15.3	17,23	10,11	14,15	12,13	12,15
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10			2	
BN823A	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
BNP4FC	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

BP46K4	GlobalFiler™ (STRmix)					
	13,14,15.3	17,23	10,11	13,14,15	11,12,13	
3	9,10	13,14,15	12,17,18	16,18	10,12,13	11,13
	13,16,17	12,13	29,30	14,15,16	X,Y	11,12
	18.2,26			15,16,28.2,29.2	6,8	8
	16,17	10			2	
BPFZ4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
BQCRTX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
BTEQ36	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
BVUBLL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
BYCYW6	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
BYPTAK	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

BZGWWZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
BZXUCR	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C2UJEE	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
C2VMKA	GlobalFiler™, MiniFiler (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C3RUAG	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
C6PLQT	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
C73YVP	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

C77YXV	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
C8BWHX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C8XPPB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C9TD4Z	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
C9X3JB	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CBB8EX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CBTHP8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

CCNLZL	GlobalFiler™ (STRmix V2.4.06)					
	14,15.3	17,23	10,11	14,15	12,13	-
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	-	-	16,29.2	6,8	8,8
	17,17	10	-	-	2	
CF83P2	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
CF9X9W	Investigator® 24plex QS (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
CKLL2G	Investigator® 24plex (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
CMWGTZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CPC39Z	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
CPGL64	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

CRJK6B	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
CTBD6Z	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
CVX676	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
CYWVEH	GlobalFiler™ (STRmix 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
D2KAEY	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
D4RPRW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
D74VE6	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

D8DF8U	Investigator® 24plex QS (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
DB3KEV	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DBRZ9N	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
DDLPM3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DFBXVH	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DFHVRZ	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
DFJF8U	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				

TABLE 2

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

Item 3 - STR Results

DFQ6B9	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DHABFW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DJ9FYC	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DJF2YX	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
DJPF79	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DLALBW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DN4J74	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3 - STR Results

DNHP8U	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DNLUJ3	GlobalFiler™ (STRmix)					
	13,14,14.3,15.3	16,17,22,23	10,11	13,14,15	11,12,13	
3	9,10	13,14,15	11,12,17,18	15,16,17,18	9,10,12,13	10,11,12,13
	12,13,16,17	12,13	28,29,30	13,14,15,16	X,Y	10,11,12
	18.2,25,26			15,16,28.2,29.2	6,8	8
	16,17	10			2	
DPM38Y	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
DQJGUR	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DQY3L2	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
DT98YQ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
DTVFL2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

DUNA7Y	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
DV39M8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DXH7BW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DY3JH8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
DYUHFT	GlobalFiler™ (TrueAllele)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
E4CKAC	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
E9EFDC	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

EADWT3	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
EBRDDV	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
ECMTUY	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
EDE3AT	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
EDFW77	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EEBF98	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EEBTX2	GlobalFiler™ (STRmix)					
	13,14,14.3,15.3	16,17,22,23	9,10,11	13,14,15	11,12,13	
3	9,10	13,14,15	11,12,17,18	16,17,18	9,10,12,13	10,11,12,13
	12,13,16,17	12,13	28,29,30	13,14,15,16	X,Y	10,11,12
	17.2,18.2,25,26			15,16,28.2,29.2	6,8	8
	16,17	10			2	

TABLE 2

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

Item 3 - STR Results

EJA3BP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ENZGT4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ER22QW	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ERWTL3	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
EU9ZXN	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
EWTEd6	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
EXNWK9	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

EY99XC	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
EZWHEL	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
F7WUY4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
FAV8F2	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
FDF2G9	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
FG8GCA	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
FK7QPW	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3 - STR Results

FNWCXR	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
FPH3LP	GlobalFiler™ (BulletProof Sentry)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
FRUZ98	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
FTLG6W	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
FUDWJQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
FVKCQW	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
G38VRY	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3 - STR Results

G39TZA	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
G4YWTG	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
G8VR8A	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
G9XMGL	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
3	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
GABNDF	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
GBJ8T4	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GBXMTX	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	[X],Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

GCU2FQ	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
GEKJ23	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GENQYC	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
GFDZV7	GlobalFiler™ (STRmix 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GFUND7	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GGNX3V	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
GGQ2ZY	GlobalFiler™ (STRmix)					
	13,14,15.3	17,22,23	10,11	13,14,15	11,12,13	
3	9,10	13,14,15	12,17,18	16,18	10,13	11,13
	13,17	12,13	29,30	13,14,15,16	X,Y	11,12
	18.2,25,26			15,16,28.2,29.2	6,8	8
	16,17	10			2	

TABLE 2

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

Item 3 - STR Results

GLYZ6R	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GPG48V	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
GQDJG8	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
GQTWTW	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
GRCTH4	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
GRNJFL	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
GU9HK4	GlobalFiler™ (STRmix v. 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

GUH6DJ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GVNLBP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GY72M3	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
GYM4LN	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
GYU27Z	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GZHLPK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
GZXVMR	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

H3MGYF	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
H43RZT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
H4FKFU	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
H4QXUH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
H6AFUP	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
H739P9	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,16			16,29.2	6,8	8
	17	10				
H7N2ZY	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3 - STR Results

H9AH3Y	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HEXXX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HFDRK7	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HG863C	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
HH2TL8	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
HKLRQP	Investigator® 24plex QS (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
HLT3AL	GlobalFiler™ (TrueAllele)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

HM7WPL	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
HPWUK8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
HTHHF7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HTW6G8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HWHLCY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
HZ2N97	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
HZF7Y7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

J2F64V	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
J2HTMU	Identifiler® Plus					
		17,23		14,15	12,13	
3	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
J3E2WY	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
J4QUXT	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
J66ZF4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
J6N227	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
J8RXPf	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

J9ZH8G	PowerPlex® ESI 17 FAST					
	14,15.3	17,23	10,11	14,15		
3		14,15	12,18	16,18		11,13
	13,17	13	29,30	14,16	X,Y	
	18.2,26			16,29.2	6,8	
	17					
J A2QW2	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JAPWEF	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JBAL2R	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
JC9EKJ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JD2VJT	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
JJNY7Q	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

JK3ENX	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
JPAWVD	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
JQ7684	GlobalFiler™ (STRMIX)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
JRBVYQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
JRD376	PowerPlex® Fusion 6C System, GlobalFiler™, NGM Select					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2	
JRURBQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
JTPBCR	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

JUNFV8	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
JVFW9G	DNA-17					
	14,15.3	17,23	10,11	14,15		
3		14,15	12,18	16,18		11,13
	13,17	13,13	29,30	14,16	X,Y	
	18.2,26			16,29.2	6,8	
	17,17					
JVJX9U	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
JXHYP6	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
K3AHCL	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
K4QPZG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
K6J69L	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

K9WQWY	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
K9ZHLU	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
KAGC3W	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
KATLKN	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
KAXZAV	GlobalFiler™ (STRmix)					
	13,14,14.3,15.3	16,17,22,23	9,10,11	13,14,15	11,12,13	
3	9,10	13,14,15	11,12,17,18	15,16,17,18	9,10,12,13	10,11,12,13
	12,13,16,17	12,13	28,29,30	13,14,15,16	X,Y	11,12
	17.2,18.2,25,26			15,16,28.2,29.2	6,8	8
	16,17	10			2	
KBPP7Q	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KENZ3Q	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

KH94X4	Investigator® 24plex (STRmix)						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8,8
	17,17	10					
KHTWEL	GlobalFiler™						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10	14,15	12,18	16,18	10,13	11,13
		13,17	13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8
	17	10			2		
KJ3HUU	GlobalFiler™ (STRmix)						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10	14,15	12,18	16,18	10,13	11,13
		13,17	13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8
	17	10			2		
KJH6QN	PowerPlex® Fusion (STRmix)						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10	14,15	12,18	16,18	10,13	11,13
		13,17	13	29,30	14,16	X,Y	11,12
		18.2,26	10,15	5,11		6,8	8
	17	INC					
KKURBN	PowerPlex® Fusion 5c						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26	10,15	5,11		6,8	8,8
	17,17	10					
KN8W46	PowerPlex® Fusion 6C, GlobalFiler™						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10	14,15	12,18	16,18	10,13	11,13
		13,17	13	29,30	14,16	X,Y	11,12
		18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	2		
KNT9LX	GlobalFiler™ (STRmix)						
		14,15.3	17,23	10,11	14,15	12,13	
	3	10,10	14,15	12,18	16,18	10,13	11,13
		13,17	13,13	29,30	14,16	X,Y	11,12
		18.2,26			16,29.2	6,8	8,8
	17,17	10			2		

TABLE 2

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

Item 3 - STR Results

KQWQZT	PowerPlex® Fusion (STRmix V2.4.08)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
KQZ93X	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
KRAQ7F	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
KTU3WL	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
KVF8J4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KVK3EQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
KYFGQY	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

KYVENC	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
L2B3TG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
L2VYYP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
L3ACTD	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
L7AK4F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
L7NDTJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
L8K8V3	Investigator® 24plex					
3						

TABLE 2

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

Item 3 - STR Results

L9VET4	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
LAVLJG	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
3	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
LB9FYG	GlobalFiler™ (STR Mix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
LBGKBR	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
LBMN7W	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
LCWAQK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LFXA4N	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

LGX6WT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LHA23X	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
LHXJWD	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LL8K3B	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
LMG6VX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LPAL4T	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
LPKC3B	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

LTZZ8F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
M32QNG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
M6FY7H	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
M73MGW	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
M73P2V	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
M9DKVZ	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
M9W3UK	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

MABYB7	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
MBLL3R	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
MCDT3V	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
MCTAXN	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
MEUA4M	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
MH2KG4	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
MMQX6K	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

MMW9ZW	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
MNLEJ3	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
MT7AGT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
MV844H	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
MW38GK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
MY2FTG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
MYJ3T4	GlobalFiler™ (STRmix 2.4.06)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

MZ6UMV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
N2A6FQ	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,[30]	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
N3MHCZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
N6A4ZG	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
N76TBQ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
N773AU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
N9T8ZZ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

NAK9LP	Identifiler® Plus					
		17,23		14,15	12,13	
3	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
NBFXUD	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
NFEZCZ	PowerPlex® Fusion 5C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
NFPYCA	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
NFWGH8	PowerPlex® 21 (STRmix)					
	14,15.3	17,23		14,15	12,13	12,15
3	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
NGW4ZB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
NHC7A6	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

NHYNLZ	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
NJQZFD	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
NK2Z7T	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
NLYA9B	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
NN6BAE	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
NR7W6K	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
NUYKU8	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

NWUGWE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
NXDFA6	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
NYZYVB	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
P2K4AZ	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
P7KG7P	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
PA6B3Q	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
PELN7A	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

PM9JW2	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
PN6FHV	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
PNKUUC	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
PRELDM	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					
PTRY9C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
PV2369	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
PV4ZQH	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

PVFMEK	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
PWV4DX	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
PZ2JTG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Q2JUML	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Q3JQGP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Q7GAJN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
QMNDXN	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

QNRQ82	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
QU6AX9	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
QUUHBC	GlobalFiler™ (TrueAllele)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
QVYXG6	PowerPlex® 21 (STRmix 2.8.0)					
	14,15.3	17,23		14,15	12,13	12,15
3	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
QYRWZM	Identifiler® Plus					
		17,23		14,15	12,13	
3	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
QYYQBH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
R2C44G	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

R36UAV	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
R48HXZ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
R89MJL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
R9NPQU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RANBNQ	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RB3FK4	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RB3NGU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

RGRXZZ	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RHHA9K	PowerPlex® Fusion (STRmix V2.4.08)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
RJBXDE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
RJCXQF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RKVQWJ	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
RLJDZ8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RMHHRM	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

RN7PLB	Identifiler® Plus					
		17,23		14,15	12,13	
3	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
RN9QRP	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
RNM9JA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RQJDP4	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
RT7CKD	PowerPlex® 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
RW88RV	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
RW89CU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	NT
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	NT	NT	16,29.2	6,8	8
	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

RWGA4U	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
RXYEMT	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
RYAYV3	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
T44J64	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
T4YTAE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
T9HUJT	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
TBDBD2	GlobalFiler™ (STRmix V 2.4.0.6)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	

TABLE 2

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

Item 3 - STR Results

TBGFPC	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
TBLW2H	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TBXKE3	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
TF8PZB	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
TFPYTB	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
THZMMA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TJD7GE	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

TJXNVL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TMV33P	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TPGEGF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
TRUBFC	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
TU7WRK	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
TWZVEC	PowerPlex® 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
TZ3FE3	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

U7DGVQ	GlobalFiler™, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
U8GQYG	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
UAZP7K	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
UERQH7	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
UF7CVE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
UFRRKH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
UGDR3K	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	N/A
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	N/A	6,8	8
	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

UJBQRK	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
UJRJL9	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ULFE8B	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
UMDMHF	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
UTUR3F	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
UUBFRU	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
UVHUWF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

UX78MK	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
UYVQ9H	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
VAE249	PowerPlex® Fusion 6C (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
VC2GTH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
VC4KN2	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VDHBEX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
VEYQCZ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

VGGMAX	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VJYTL	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
VLJAHU	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
VNDKYL	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
VQMD4L	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
VQYDPU	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
VLLMB	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

VZ9Z4G	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
W2WVYN	PowerPlex® Fusion					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
W43D4C	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
W4B996	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
W9ERYC	PowerPlex® Fusion (STRmix V2.4.08)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
WBPLMP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WBWZK6	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

WCW78J	PowerPlex® Fusion 5C, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	NA	6,8	8
	17	10	NA	NA	NA	
WE4JUC	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
WEBAEH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
WEPXJP	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WFJEZT	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
WFWAZQ	PowerPlex® Fusion. ESX17, 21					
	14,15.3	17,23	10,11	14,15	12,13	12,15
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10				
WFYXNW	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

WH2EGD	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
WJDYJV	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WJWJ8M	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
WMLRUU	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	NA
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16	NA	
WNDVGA	PowerPlex® Fusion 6C (STRmix v2.7)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
WRCG3E	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
WUYGGG	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					

TABLE 2

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

Item 3 - STR Results

WVQE8F	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	not tested
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
WXXJ4P	GlobalFiler™, MiniFiler					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
WZN7TE	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,16				6,8	8,8
	17,17					
X2UBJ8	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
X3QN8Z	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
X3THER	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
X8L49U	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				

TABLE 2

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

Item 3 - STR Results

XA3CR7	PowerPlex® Fusion 5C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	10				
XA89JD	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
XART6B	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
XARVUF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	Inc	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
XBWZA3	PowerPlex® Fusion 5C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17	10				
XCBWT9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
XCHMDD	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3 - STR Results

XH6Q4G	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
XK46CE	PowerPlex® Fusion (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11		6,8	8
	17	INC				
XKEQ9N	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10		2		
XMGE3R	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10		2		
XWH9PP	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
XXGBGE	PowerPlex® Fusion 6C					
	14,15.3	17,23	10,11	14,15	12,13	
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16		
Y823JX	Investigator® 24plex (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

Y8FFZE	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Y9YYJT	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
YD6NTL	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
YDFCMD	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	Not Tested
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8,8
	17,17	10	19	16	2	
YEKW8F	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
YEMVY4	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
YHHU3Z	Investigator® 24plex QS					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				

TABLE 2

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

Item 3 - STR Results

YHXXTL	GlobalFiler™ (STRmix 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YHYRCR	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YJMT CZ	Identifiler® Plus (Genotyper 3.7)					
		17,23		14,15	12,13	
3	10	14,15			10,13	11,13
	13,17	13	29,30		X,Y	11,12
	18.2,26				6,8	8
	17					
YMUH4W	Investigator® 24plex (STRMix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10				
YN4TCL	GlobalFiler™ (STRmix 2.4)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YNB6KW	PowerPlex® 21					
	14,15.3	17,23		14,15	12,13	12,15
3	10,10	14,15		16,18	10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26	10,15	5,11		6,8	8,8
	17,17					
YPXGVG	Identifiler® Plus					
		17,23		14,15	12,13	
3	10,10	14,15			10,13	11,13
	13,17	13,13	29,30		X,Y	11,12
	18.2,26				6,8	8,8
	17,17					

TABLE 2

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

Item 3 - STR Results

YQCW8X	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
YRNKWP	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
YTNFML	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
YVQFKX	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
YXHPYL	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Z2UA6Y	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
Z2UKCH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 3 - STR Results

Z6WKBU	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
Z7X87X	GlobalFiler™ (STRmix v 2.4.06)					
	14,15.3	17,23	10,11	14,15	12,13	-
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26	-	-	16,29.2	6,8	8,8
	17,17	10	-	-	2	
Z7ZHDA	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
Z8MLFH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
Z94ABN	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ZB2GUU	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZCV6DP	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		

TABLE 2

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

Item 3 - STR Results

ZEHVC9	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZG2YUD	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZHFVM4	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZHWWNK	GlobalFiler™ (STRmix v2.5)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10			2	
ZHYGKZ	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZTEZQX	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZTHVM3	PowerPlex® ESX 16 fast (GeneMapper)					
	14,15.3	17,23	10,11	14,15		
3		14,15	12,18	16,18		11,13
	13,17	13,13	29,30	14,16	X,Y	
	18.2,26				6,8	
	17,17					

TABLE 2

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

Item 3 - STR Results

ZUC83X	Investigator® 24plex					
	14,15.3	17,23	10,11	14,15	12,13	
3	10,10	14,15	12,18	16,18	10,13	11,13
	13,17	13,13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8,8
	17,17	10				
ZV9ULF	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZVAYAH	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZVNM9N	GlobalFiler™ (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	
ZXVYAY	PowerPlex® Fusion 6C (STRmix)					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26	10,15	5,11	16,29.2	6,8	8
	17	10	19	16		
ZZTUM2	GlobalFiler™					
	14,15.3	17,23	10,11	14,15	12,13	
3	10	14,15	12,18	16,18	10,13	11,13
	13,17	13	29,30	14,16	X,Y	11,12
	18.2,26			16,29.2	6,8	8
	17	10			2	

TABLE 2

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

Item 4 - STR Results

23YRE9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
24MMXN	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
24TGZP	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
24ZWH3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
272GBN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
28Q7V3	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
28YB48	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

2AC84P	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
2BW9JK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
2CMETJ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
2DYFDX	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
2F29G4	PowerPlex® Fusion (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
2FL22E	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18,[19]					
2GWYEV	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

2HLUPX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
2J3FRT	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
2KFVYF	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
2LDLMN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
2PYKM4	GlobalFiler™ (STRMIX)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
2QLED8	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
2RWEE9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

2U6FP8	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
2W9KQ9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
32GZ2H	GlobalFiler™ (STRmix 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	
33JPJL	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
33R3NG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
34TL7B	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
377MNB	PowerPlex® Fusion (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 4 - STR Results

3DRHPE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NR	NR	NR		
3FEC92	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
3H724F	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
3KF3A9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
3M4MTX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
3NXBBT	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
3P7NNN	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

3ULZ3H	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
3VBAU7	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
44GBB4	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	Not Tested	6,9.3	8,8
	16,18	No Results	Not Tested	Not Tested	Not Tested	
46BGRG	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
46K6JW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
49BM99	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
49WYBM	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

4BJMK3	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
4F2YKH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
4FX7Y3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
4FY48D	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
4HLTHH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
4N36Z4	GlobalFiler™ (BulletProof v3.0)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
4NFNJQ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

4P2LHF	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	N/A
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	N/A	N/A	19,21	6,9.3	8,8
	16,18		N/A	N/A	N/A	
4VCGHJ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
4VEBDB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
4YBW4D	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
62GNNE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
644ACV	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
66BKXD	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

6DQJMB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6EFV63	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
6F9G2Z	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
6FXLTE	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6LHXDA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6MHAGB	GlobalFiler™ (STRmix)					
	15,17.3	21,22,25	11,14	15,17	8,12	
4	10	13,14	13,17,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,20,21	6,9.3	8
	16,18					
6PM8YD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

6QHBM5	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6RA49P	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
6RQ8V4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6T28V6	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6T4TRK	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
6T4WXG	GlobalFiler™, MiniFiler (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
6UQAQ8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

6VB8YQ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
6VPJQ4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6Z83AR	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
4	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
6ZDW44	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
6ZW2WJ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
78GH4R	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7BMEZU	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

7CRMPZ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
7EAWPK	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
7F8B8C	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
7FAV3R	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7H2YP8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
7H9TWJ	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	NT
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	NT	NT	19,21	6,9.3	8,8
	16,18	NR	NT	NT	NR	
7L9XUX	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				

TABLE 2

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

Item 4 - STR Results

7LZAL8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
7NYPXB	Identifiler® Plus					
		22,25		15,17	8,12	
4	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
7RDYT7	PowerPlex® 16					
				15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16		30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
7RXZTB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
7YBF6L	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
7YFB36	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
7Z3JR2	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	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 4 - STR Results

82ZH3R	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
846RWM	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	NT
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	NT	NT	19,21	6,9.3	8,8
	16,18	NR	NT	NT	NR	
84FU2B	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
869JDQ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
87AXAV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
896GF4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
89BY7T	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

89KK8A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
8AK782	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8CP7E9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8EQGQA	PowerPlex® 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NR	NR	NR		
8FAZB9	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8G4BXF	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
8GRW6J	GlobalFiler™ (STRmix version 2.4.06)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No result			No result	

TABLE 2

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

Item 4 - STR Results

8H3YQH	GlobalFiler™ (STRmix 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No result			No result	
8J3GR8	PowerPlex® Fusion 5C, ForenSeq Signature Prep - Primer Set B					
	15,17.3	22,25	11,14	15,17	8,12	11,19
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR	NR	NR		
8KEY87	PowerPlex® Fusion (STRMix v.2.4.08)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
8KUX6G	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
8KVBMQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	---			---	
8LV9GK	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8NYV6W	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

8PYCHZ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8RAEWQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8T3KY3	GlobalFiler™ (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8UF2CG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
8V7ZXM	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
8X34E3	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	-	-	-	-	
8X7H6A	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

8XCR2G	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
8XLVEE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
92HHLE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
962XW2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
96Z4FG	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
99WUF2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
9CYX63	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

9DQ7H6	PowerPlex® Fusion5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
9EC9GE	GlobalFiler™ (STRmix™)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
9GUK6H	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
9GVEL3	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
9HUW4C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
9JG9EW	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
9L86AH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

9LBXVW	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9LMQGY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
9P6TJX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
9VCDQ4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9VE298	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
9VTGBM	Investigator® 24plex (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
A2U827	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

A39H46	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
A3CJ8W	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
A4XFA3	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results	No Results	
A8C3LB	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ABQW29	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ACR7RC	GlobalFiler™, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	no results			no results	
ACZTKR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

AHJBLG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
AKMKHW	Investigator® 24plex, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
ALBE6U	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	-				
AMJBDY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ANQR3G	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
AP7XVE	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ARMAD3	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 4 - STR Results

ATY7H8	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
AVE7E4	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
AW2UNH	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
AWZ72C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
AXY97A	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
AYA796	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
B886P7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

B9DPD7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
BCAQ3U	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
BCCYDM	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BCTBT7	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BDMQDQ	PowerPlex® 21, Fusion, Verifiler Express					
	15,17.3	22,25	11,14	15,17	8,12	11,19
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
BN823A	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
BNP4FC	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

BP46K4	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	21,22,24,25	10,11,13,14	14,15,16,17	8,11,12	
4	9,10	13,14	12,13,17,18	16,17,18	11,12,13	9,11,12
	13,14,15,16	11.2,12.2,13.2	29,30,30.2,31.2	14,15,16,17	X	8,10,11
	20,21,22,23			18,19,20,21	6,9.3	8
	15,16,17,18					
BPFZ4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
BQCRTX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
BTEQ36	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
BVUBLL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BYCYW6	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
BYPTAK	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

BZGWWZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
BZXUCR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	
C2UJEE	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
C2VMKA	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
C3RUAG	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
C6PLQT	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
C73YVP	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

C77YXV	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
C8BWHX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
C8XPPB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
C9TD4Z	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
C9X3JB	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
CBB8EX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CBTHP8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

CCNLZL	GlobalFiler™ (STRmix V2.4.06)					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	-	-	19,21	6,9.3	8,8
	16,18	-	-	-	-	-
CF83P2	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
CF9X9W	Investigator® 24plex QS (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
CKLL2G	Investigator® 24plex (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CMWGTZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CPC39Z	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
CPGL64	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

CRJK6B	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
CTBD6Z	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
CVX676	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
CYWVEH	GlobalFiler™ (STRmix 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
D2KAEY	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
D4RPRW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
D74VE6	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

D8DF8U	Investigator® 24plex QS (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DB3KEV	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DBRZ9N	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DDLPM3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DFBXVH	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DFHVRZ	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results	No Results	
DFJF8U	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				

TABLE 2

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

Item 4 - STR Results

DFQ6B9	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DHABFW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DJ9FYC	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DJF2YX	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
DJPF79	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DLALBW						
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DN4J74	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

DNHP8U	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
DNLUJ3	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	21,22,24,25	10,11,14	14,15,16,17	8,11,12	
4	9,10	13,14	12,13,17,18	16,17,18	11,12,13	9,12
	13,14,15,16	11.2,12.2,13.2	29,30,30.2,31.2	14,15,16	X	8,11
	20,21,22,23			18,19,20,21	6,9.3	8
	16,18					
DPM38Y	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
DQJGUR						
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DQY3L2	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
DT98YQ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
DTVFL2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

DUNA7Y	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
DV39M8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DXH7BW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DY3JH8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
DYUHFT	GlobalFiler™ (TrueAllele)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
E4CKAC	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
E9EFDC	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

EADWT3	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
EBRDDV	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ECMTUY	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
EDE3AT	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12,[13]	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18,[19]					
EDFW77	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
EEBF98	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
EEBTX2	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	21,22,25	10,11,14	14,15,16,17	8,11,12	
4	9,10	13,14	12,13,17,18	16,17,18	11,12,13	9,11,12
	13,14,15,16	12.2,13.2	30,30.2,31.2	14,15,16	X	8,11
	20,21,22,23			18,19,20,21	6,9.3	8
	16,17,18					

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

EJA3BP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
ENZGT4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ER22QW	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ERWTL3	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
EU9ZXN	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-				
EWTED6	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
EXNWK9	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

EY99XC	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
EZWHEL	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
F7WUY4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
FAV8F2	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
FDF2G9	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
FG8GCA	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
FK7QPW	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

FNWCXR	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
FPH3LP	GlobalFiler™ (BulletProof Sentry)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
FRUZ98	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
FTLG6W	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
FUDWJQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
FVKCQW	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results	No Results	
G38VRY	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

G39TZA	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
G4YWTG	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
G8VR8A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
G9XMGL	PowerPlex® Plus					
	15,17.3	22,25		15,17	8,12	11,19
4	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
GABNDF	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
GBJ8T4	GlobalFiler™, MiniFiler (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
GBXMTX	PowerPlex® Fusion 5C					
	15,[17.3]	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	[21],23	9,11	11,13		6,9.3	8
	16,18	NT				

TABLE 2

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

Item 4 - STR Results

GCU2FQ	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
GEKJ23	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
GENQYC	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
GFDZV7	GlobalFiler™ (STRmix 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	
GFUND7	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
GGNX3V	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
GGQ2ZY	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	21,22,24,25	11,14	14,15,16,17	8,11,12	
4	9,10	13,14	12,13,17,18	16,17,18	12,13	9,12
	13,14,15,16	12.2,13.2	30,30.2,31.2	15,16	X	8,11
	20,21,23			18,19,20,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

GLYZ6R	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
GPG48V	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
GQDJG8	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
GQTWTW	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
GRCTH4	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
GRNJFL	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
GU9HK4	GlobalFiler™ (STRmix v. 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	

TABLE 2

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

Item 4 - STR Results

GUH6DJ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
GVNLBP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	---			---	
GY72M3	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
GYM4LN	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
GYU27Z	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
GZHLPK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
GZXVMR	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

H3MGYF	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
H43RZT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
H4FKFU	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
H4QXUH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
H6AFUP	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
H739P9	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
H7N2ZY	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	ND	ND	ND		

TABLE 2

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

Item 4 - STR Results

H9AH3Y	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HEXXX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HFDRK7	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
HG863C	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
HH2TL8	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
HKLRQP	Investigator® 24plex QS (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
HLT3AL	GlobalFiler™ (TrueAllele)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

HM7WPL	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
HPWUK8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
HTHHF7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	ND			ND	
HTW6G8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HWHLCY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
HZ2N97	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
HZF7Y7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

J2F64V	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
J2HTMU	Identifiler® Plus					
		22,25		15,17	8,12	
4	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
J3E2WY	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
J4QUXT	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
J66ZF4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
J6N227	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
J8RXPf	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

J9ZH8G	PowerPlex® ESI 17 FAST					
	15,17.3	22,25	11,14	15,17		
4		14	13,18	17,18		9,12
	14,16	12.2,13.2	30,31.2	15,16	X	
	21,23			19,21	6,9.3	
	16,18					
J A2QW2	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JAPWEF	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JBAL2R	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
JC9EKJ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JD2VJT	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
JJNY7Q	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

JK3ENX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
JPAWVD	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JQ7684	GlobalFiler™, MiniFiler (STRMIX)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	-			-	
JRBVYQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JRD376	PowerPlex® Fusion 6C System, GlobalFiler™, NGM Select					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JRURBQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JTPBCR	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

JUNFV8	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
JVFW9G	DNA-17					
	15,17.3	22,25	11,14	15,17		
4		14,14	13,18	17,18		9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	
	21,23			19,21	6,9.3	
	16,18					
JVJX9U	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
JXHYP6	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,-	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,-	8,11
	21,23				6,9.3	8,8
	16,18					
K3AHCL	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
K4QPZG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
K6J69L	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

K9WQWY	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
K9ZHLU	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
KAGC3W	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KATLKN	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
KAXZAV	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	22,25	11,14	14,15,16,17	8,12	
4	9,10	13,14	12,13,17,18	17,18	12,13	9,12
	13,14,15,16	12.2,13.2	30,30.2,31.2	14,15,16	X	8,11
	20,21,22,23			18,19,20,21	6,9.3	8
	16,18					
KBPP7Q	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	ND			ND	
KENZ3Q	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	ND			ND	

TABLE 2

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

Item 4 - STR Results

KH94X4	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KHTWEL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KJ3HUU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KJH6QN	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
KKURBN	PowerPlex® Fusion 5c					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18,[19]					
KN8W46	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
KNT9LX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

KQWQZT	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
KQZ93X	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
KRAQ7F	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
KTU3WL	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KVF8J4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KVK3EQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
KYFGQY	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

KYVENC	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
L2B3TG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	
L2VYYP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
L3ACTD	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
L7AK4F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
L7NDTJ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
L8K8V3	Investigator® 24plex					
4						

TABLE 2

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

Item 4 - STR Results

L9VET4	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
LAVLJG	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
4	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
LB9FYG	GlobalFiler™ (STR Mix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
LBGKBR	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results	No Results	
LBMN7W	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
LCWAQK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
LFXA4N	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

LGX6WT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
LHA23X	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
LHXJWD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
LL8K3B	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
LMG6VX	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
LPAL4T	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
LPKC3B	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

LTZZ8F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
M32QNG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
M6FY7H	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
M73MGW	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
M73P2V	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18					
M9DKVZ	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
M9W3UK	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

MABYB7	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,12	6,9.3	8
	16,18					
MBLL3R	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
MCDT3V	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
MCTAXN	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
MEUA4M	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
MH2KG4	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
MMQX6K	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

MMW9ZW	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
MNLEJ3	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
MT7AGT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
MV844H	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
MW38GK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
MY2FTG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
MYJ3T4	GlobalFiler™ (STRmix 2.4.06)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	no results			no results	

TABLE 2

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

Item 4 - STR Results

MZ6UMV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
N2A6FQ	PowerPlex® Fusion 5C					
	15,17.3	[22],25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	[9],11	11,13		6,9.3	8
	16,18	NT				
N3MHCZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
N6A4ZG	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
N76TBQ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
N773AU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
N9T8ZZ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

NAK9LP	Identifiler® Plus					
		22,25		15,17	8,12	
4	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
NBFXUD	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
NFEZCZ	PowerPlex® Fusion 5C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
NFPYCA	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
NFWGH8	PowerPlex® 21 (STRmix)					
	15,17.3	22,25		15,17	8,12	11,19
4	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
NGW4ZB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
NHC7A6	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

NHYLNZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
NJQZFD	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
NK2Z7T	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NR	NR	NR		
NLYA9B	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
NN6BAE	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
NR7W6K	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
NUYKU8	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

NWUGWE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	
NXDFA6	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
NYZYVB	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
P2K4AZ	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
P7KG7P	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
PA6B3Q	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
PELN7A	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

PM9JW2	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
PN6FHV	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
PNKUUC	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
PRELDM	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
PTRY9C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
PV2369	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
PV4ZQH	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

PVFMEK	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
PWV4DX	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
PZ2JTG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
Q2JUML	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
Q3JQGP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
Q7GAJN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
QMNDXN	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

QNRQ82	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
QU6AX9	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
QUUHBC	GlobalFiler™ (TrueAllele)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
QVYXG6	PowerPlex® 21 (STRmix 2.8.0)					
	15,17.3	22,25		15,17	8,12	11,19
4	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
QYRWZM	Identifiler® Plus					
		22,25		15,17	8,12	
4	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
QYYQBH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
R2C44G	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

R36UAV	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
R48HXZ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
R89MJL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NA			NA	
R9NPQU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
RANBNQ	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RB3FK4	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RB3NGU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

RGRXZZ	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RHHA9K	PowerPlex® Fusion (STRmix V2.4.08)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
RJBXDE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
RJCXQF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
RKVQWJ	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
RLJDZ8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
RMHHRM	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

RN7PLB	Identifiler® Plus					
		22,25		15,17	8,12	
4	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X	8,11
	21,23				6,9.3	8
	16,18					
RN9QRP	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
RNM9JA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
RQJDP4	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
RT7CKD	PowerPlex® 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
RW88RV	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
RW89CU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	NT
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	NT	NT	19,21	6,9.3	8
	16,18	NR	NT	NT	NR	

TABLE 2

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

Item 4 - STR Results

RWGA4U	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
RXYEMT	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Results				
RYAYV3	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
T44J64	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
T4YTAE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
T9HUJT	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
TBDBD2	GlobalFiler™ (STRmix V 2.4.0.6)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	

TABLE 2

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

Item 4 - STR Results

TBGFPC	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
TBLW2H	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TBXKE3	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TF8PZB	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
TFPYTB	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
THZMMA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TJD7GE	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

TJXNVL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TMV33P	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TPGEGF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
TRUBFC	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
TU7WRK	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
TWZVEC	PowerPlex® 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
TZ3FE3	PowerPlex® Fusion 6C (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

U7DGVQ	GlobalFiler™, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
U8GQYG	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
UAZP7K	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
UERQH7	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
UF7CVE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
UFRRKH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
UGDR3K	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	N/A
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	N/A	6,9.3	8
	16,18	NR/NE	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 4 - STR Results

UJBQRK	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
UJRJL9	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
ULFE8B	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
UMDMHF	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
UTUR3F	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
UUBFRU	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
UVHUWF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

UX78MK	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
UYVQ9H	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
VAE249	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
VC2GTH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
VC4KN2	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VDHBEX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
VEYQCZ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

VGGMAX	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VJYTL	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VLJAHU	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
VNDKYL	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
VQMD4L	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	NR
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
VQYDPU	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
VLLMB	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

VZ9Z4G	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
W2WVYN	PowerPlex® Fusion					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	NR				
W43D4C	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
W4B996	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
W9ERYC	PowerPlex® Fusion (STRmix V2.4.08)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
WBPLMP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WBWZK6	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

WCW78J	PowerPlex® Fusion 5C, MiniFiler					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	NA	6,9.3	8
	16,18	NR/NE	NA	NA	NA	
WE4JUC	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18,[19]					
WEBAEH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	No Results			No Results	
WEPXJP	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WFJEZT	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
WFWAZQ	PowerPlex® Fusion, ESX17, 21					
	15,17.3	22,25	11,14	15,17	8,12	11,19
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
WFYXNW	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

WH2EGD	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
WJDYJV	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
WJWJ8M	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WMLRUU	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	NA
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18	NA	NA	NA	NA	
WNDVGA	PowerPlex® Fusion 6C (STRmix v2.7)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
WRCG3E	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
WUYGGG	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

WVQE8F	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	not tested
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	NR	NR	NR	NR	
WXXJ4P	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
WZN7TE	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					
X2UBJ8	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	--			--	
X3QN8Z	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
X3THER	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
X8L49U	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

XA3CR7	PowerPlex® Fusion 5C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18					
XA89JD	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
XART6B	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XARVUF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XBWZA3	PowerPlex® Fusion 5C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18	No Results				
XCBWT9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	-			-	
XCHMDD	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

XH6Q4G	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
XK46CE	PowerPlex® Fusion (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13		6,9.3	8
	16,18	INC				
XKEQ9N	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XMGE3R	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
XWH9PP	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
XXGBGE	PowerPlex® Fusion 6C					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18					
Y823JX	Investigator® 24plex (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

Y8FFZE	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
Y9YYJT	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
YD6NTL	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YDFCMD	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	Not Tested
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8,8
	16,18	No Results	No Results	No Results	No Results	
YEKW8F	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
YEMVY4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
YHHU3Z	Investigator® 24plex QS					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

YHXXTL	GlobalFiler™ (STRmix 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No results			No results	
YHYRCR	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YJMT CZ	Identifiler® Plus (Genotyper 3.7)					
		22,25		15,17	8,12	
4	10	14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8
	16,18					
YMUH4W	Investigator® 24plex (STRMix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
YN4TCL	GlobalFiler™ (STRmix 2.4)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	No Result			No Result	
YNB6KW	PowerPlex® 21					
	15,17.3	22,25		15,17	8,12	11,19
4	10,10	14,14		17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23	9,11	11,13		6,9.3	8,8
	16,18					
YPXGVG	Identifiler® Plus					
		22,25		15,17	8,12	
4	10,10	14,14			12,13	9,12
	14,16	12.2,13.2	30,31.2		X,X	8,11
	21,23				6,9.3	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

YQCW8X	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YRNKWP	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
YTNFML	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
YVQFKX	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
YXHPYL	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
Z2UA6Y	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
Z2UKCH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

Z6WKBU	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
Z7X87X	GlobalFiler™ (STRmix v 2.4.06)					
	15,17.3	22,25	11,14	15,17	8,12	-
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23	-	-	19,21	6,9.3	8,8
	16,18	-	-	-	-	
Z7ZHDA	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
Z8MLFH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
Z94ABN	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
ZB2GUU	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZCV6DP	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					

TABLE 2

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

Item 4 - STR Results

ZEHVC9	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZG2YUD	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZHFVM4	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZHWWNK	GlobalFiler™ (STRmix v2.5)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18	NR			NR	
ZHYGKZ	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZTEZQX	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZTHVM3	PowerPlex® ESX 16 Fast (GeneMapper)					
		22,25	11,14	15,17		
4		14,14	13,18	17,18		9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	
	21,23				6,9.3	
	16,18					

TABLE 2

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

Item 4 - STR Results

ZUC83X	Investigator® 24plex					
	15,17.3	22,25	11,14	15,17	8,12	
4	10,10	14,14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8,8
	16,18					
ZV9ULF	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZVAYAH	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18					
ZVNM9N	GlobalFiler™ (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23			19,21	6,9.3	8
	16,18	NR			NR	
ZXVYAY	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X	8,11
	21,23	9,11	11,13	19,21	6,9.3	8
	16,18					
ZZTUM2	GlobalFiler™					
	15,17.3	22,25	11,14	15,17	8,12	
4	10	14	13,18	17,18	12,13	9,12
	14,16	12.2,13.2	30,31.2	15,16	X,X	8,11
	21,23			19,21	6,9.3	8
	16,18	NM			NM	

YSTR Amplification Kit(s) & Results

TABLE 3

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

Item 1 - YSTR Results

8J3GR8	ForenSeq Signature Prep - Primer Set B								
1	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR				NR	NR
		NR	NR	NR	NR		NR	NR	NR
8KUX6G	PowerPlex® Y 23								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
ACR7RC	Yfiler™								
1		no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results		no results	no results		
							no results		no results
DPM38Y	PowerPlex® Y 23								
1									
NAK9LP	Yfiler™								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
RNM9JA	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
UGDR3K	Yfiler™								
1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VZ9Z4G	PowerPlex® Y 23								
1									
WFVAZQ	PowerPlex® Y 23								
1									
Z9B6BN	Yfiler™								
1									

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
24TGZP	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
28Q7V3	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
2F29G4	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
2HLUPX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
2LDLMN	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
2QLED8	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
2YZALM	PowerPlex® Y 23								
2	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
377MNB	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
3KTRZD	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
3P7NNN	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
3VBAU7	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
46BGRG	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
4BJMK3	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
4N8XZK	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
4VCGHJ	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
4XHILL	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
4YBW4D	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
66BKXD	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
6DQJMB	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6EFV63	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6FXLTE	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6PM8YD	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6RQ8V4	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
6T4WXG	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

6VPJQ4	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
6Z83AR	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6ZDW44	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
78C9P9	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
7L9XUX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
7NYPXB	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
7RDYT7	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
7YFB36	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
7Z3JR2	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
87AXAV	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
8CP7E9	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8FAZB9	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
8GRW6J	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8J3GR8	Yfiler™ Plus, ForenSeq Signature Prep Kit B								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	13	19	16	19	22	12	11
8KEY87	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
8KUX6G	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
8QJXFB	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
8RAEWQ	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8T3KY3	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8X34E3	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
96Z4FG	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
9DQ7H6	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
9EC9GE	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
9GUK6H	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

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

Item 2 - YSTR Results

9GVEL3	Yfiler™									
	2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	11	
9JG9EW	Yfiler™									
	2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	11	
9LMQGY	Yfiler™ Plus									
	2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25	
	39	11	19	16	19	22	11	11		
9VE298	Yfiler™ Plus									
	2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25	
39	11	19	16	19	22	11	11			
A2U827	Yfiler™									
	2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA	
NA	NA	NA	NA	NA	NA	22	NA	11		
A4XFA3	Yfiler™ Plus									
	2	{39,40}	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25	
39	11	19	16	19	22	11	11			
ACR7RC	Yfiler™									
	2	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	11	
ACZTKR	Yfiler™									
	2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	11	
AJU7CE	PowerPlex® Y 23									
	2	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	25	
11	13	19	16	22	12	11				
AKMKHW	Yfiler™ Plus									
	2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25	
39	11	19	16	19	22	11	11			
AMJBDY	Yfiler™									
	2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	11	
ARMAD3	Yfiler™									
	2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14	22	11	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

ATY7H8	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
AXY97A	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
B886P7	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
B9DPD7	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
BD8LZC	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
BDMQDQ	Yfiler™ Plus, PowerPlex® Y 23								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	13	19	16	19	22	12	11
BQCRTX	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
BTEQ36	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
BZXUCR	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
C2VMKA	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
C8BWHX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
C9X3JB	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

CBB8EX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
CCNLZL	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	-	19	16	19	22	-	11
CF83P2	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
CPGL64	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
CYWVEH	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
D2KAey	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
DB3KEV	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DDLPM3	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DFHVRZ	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	Not Tested	19	16	19	22	Not Tested	11
DFJF8U	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
DHABFW	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DJ9FYC	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
DJF2YX	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
DPM38Y	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
DQY3L2	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DTVFL2	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
E4CKAC	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
EDE3AT	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ER22QW	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ERJ4G6	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
ERWTL3	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
EYP9UT	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
F789UJ	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
F7WUY4	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

FUDWJQ	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
FVKCQW	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	Not Tested	19	16	19	22	Not Tested	11
G9XMGL	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GBJ8T4	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GFUND7	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GQTWTW	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
GVNLBP	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GYU27Z	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
H4QXUH	Yfiler™								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
H964GX	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
HEXXX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
HFDRK7	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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									
HM7WPL	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
HWHLCY	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
J2F64V	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
J2HTMU	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
J7L3EP	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
J9ZH8G	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
JBAL2R	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
JJNY7Q	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
JK3ENX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
JQ7684	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
JRD376	PowerPlex® Y 23 System								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
JTPBCR	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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									
K9ZHLU	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
KAGC3W	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
KJH6QN	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
KN8W46									
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
KQWQZT	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
KRAQ7F	Yfiler™ Plus, PowerPlex® Y 23								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
L2B3TG	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
L7AK4F	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
L9VET4	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
LAVLJG	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
LBGKBR	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	Not Tested	19	16	19	22	Not Tested	11
LD7GQR	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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									
MBLL3R	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
MEUA4M	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
MMW9ZW	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
MNLEJ3	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
MT7AGT	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
MY2FTG	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
MZ6UMV	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
N2A6FQ	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
NAK9LP	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
NFWGH8	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
NGW4ZB	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
NHYLNZ	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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									
NPG8DK	PowerPlex® Y 23								
2	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
NR7W6K	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
NWUGWE	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
NXDFA6	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
P7KG7P	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
PA6B3Q	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
PELN7A	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
PTRY9C	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
PV2369	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
PWV4DX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
Q3JQGP	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
QHYLEX	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

QNRQ82	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
QYRWZM	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
QYYQBH	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
R2C44G	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
R2WM6G	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
RB3FK4	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
RDRV2Q	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
RHHA9K	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
RJBXDE	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
RMHHRM	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
RNM9JA	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
RT2PBM	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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									
RYAYV3									
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
TBGFPC									
	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
TF8PZB									
	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
TJFXL2									
	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
TJXNVL									
	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
TU7WRK									
	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
UGDR3K									
	Yfiler™								
2	N/A	14	13	12	28	22	10	11	13
	16	11	12	20	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	11
UJRJL9									
	Yfiler™								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
UTUR3F									
	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
UVHUWF									
	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
UX78MK									
	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
V4ZHFN									
	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
VAE249	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
VC2GTH	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	19	16	19	22		11	
VLJAHU	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
VZ9Z4G	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
W7WFDU	PowerPlex® Y 23								
2	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
W9ERYC	Yfiler™								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
WCW78J	Yfiler™								
2	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
WFJEZT	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
WFWAZQ	PowerPlex® Y 23								
2	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
WH2EGD	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	19	16	19	22		11	
WJDYJV	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	19	16	19	22		11	
WNDVGA	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	19	16	19	22		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

WZN7TE	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
X2UBJ8	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
X3THER	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
XARVUF	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
XH6Q4G	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
XK46CE	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
XWNA6X	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
YEKW8F	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
YEMVY4	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
YJMT CZ	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
YNB6KW	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
YPXGVG	Yfiler™ Plus								
2	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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									
Z2UKCH	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
Z4QDME	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
Z8MLFH	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
Z9B6BN	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ZAW378	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZEHVC9	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ZG2YUD	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZK4RWP	PowerPlex® Y 23								
2		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
ZTEZQX	PowerPlex® Y 23								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
ZV9ULF	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZVNM9N	Yfiler™ Plus								
2	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZZTUM2	Yfiler™								
2		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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

24TGZP									
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
28Q7V3	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
2F29G4	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
2HLUPX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
2KFVYF	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
2LDLMN	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
2QLED8	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
2YZALM	PowerPlex® Y 23								
3	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
377MNB	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
3KTRZD	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
3P7NNN	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
3VBAU7	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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									
46BGRG	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
49BM99	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
4BJMK3	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
4N8XZK	PowerPlex® Y 23								
3	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
4VCGHJ	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
4XHILL	PowerPlex® Y 23								
3	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
4YBW4D	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
66BKXD	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
6DQJMB	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6EFV63	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6FXLTE	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6PM8YD	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

6RQ8V4	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
6T4WXG	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6VPJQ4	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
6Z83AR	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
6ZDW44	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
78C9P9	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
7L9XUX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
7NYPXB	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
7RDYT7	PowerPlex® Y 23								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
7YFB36	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
7Z3JR2	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
87AXAV	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

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

Item 3 - YSTR Results

8CP7E9	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8FAZB9	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
8GRW6J	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8J3GR8	Yfiler™ Plus, ForenSeq Signature Prep Kit B								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	13	19	16	19	22	12	11
8KEY87	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
8KUX6G	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
8QJXFB	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
8RAEWQ	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8T3KY3	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
8X34E3	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
96Z4FG	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
9DQ7H6	PowerPlex® Y 23								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
9EC9GE	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
9GUK6H	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
9GVEL3	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
9JG9EW	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
9LMQGY	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
9VE298	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
A2U827	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
A4XFA3	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13#
	16	11	12	20	28	14	14	10#	25
	39	11		19	16	19	22		11
ACR7RC	Yfiler™								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ACZTKR	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
AJU7CE	PowerPlex® Y 23								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
AKMKHW	Yfiler™								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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									
AMJBDY	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ARMAD3	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ATY7H8	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
AXY97A	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
B886P7	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
B9DPD7	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
BD8LZC	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
BDMQDQ	Yfiler™ Plus, PowerPlex® Y 23								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	13	19	16	19	22	12	11
BQCRTX	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
BTEQ36	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
BZXUCR	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
C2VMKA	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

C8BWHX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
C9X3JB	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
CBB8EX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
CCNLZL	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	-	19	16	19	22	-	11
CF83P2	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
CPGL64	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
CTBD6Z	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
CYWVEH	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
D2KAEY	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
DB3KEV	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DDLPM3	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DFHVRZ	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	Not Tested	19	16	19	22	Not Tested	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									
DFJF8U	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
DHABFW	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DJ9FYC	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			25
		11	13	19	16		22	12	11
DJF2YX	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
DPM38Y	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			25
		11	13	19	16		22	12	11
DQY3L2	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
DTVFL2	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
E4CKAC	PowerPlex® Y 23								
3	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14			25
		11	13	19	16		22	12	11
EADWT3	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
EDE3AT	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
ER22QW	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
ERJ4G6	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			25
		11	13	19	16		22	12	11

TABLE 3

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

Item 3 - YSTR Results

ERWTL3	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
EYP9UT	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
F7WUY4	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
FUDWJQ	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
FVKCQW	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11	Not Tested	19	16	19	22	Not Tested	11
G9XMGL	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GBJ8T4	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GFUND7	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GGNX3V	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GQTWTW	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
GVNLBP	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
GYU27Z	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

H4QXUH	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
H964GX	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
HEXXX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
HFDRK7	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
HM7WPL	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
HWHLCY	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
J2F64V	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
J2HTMU	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
J7L3EP	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
J9ZH8G	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
JBAL2R	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
JJNY7Q	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11

TABLE 3

Item	Amplification Kit								
	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-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									
JK3ENX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
JQ7684	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
JRD376	PowerPlex® Y 23 System								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
JTPBCR	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
K9ZHLU	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
KAGC3W	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
KJH6QN	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
KN8W46	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
KQWQZT	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
KRAQ7F	Yfiler™ Plus, PowerPlex® Y 23								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
L2B3TG	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
L7AK4F	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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									
L9VET4	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
LAVLJG	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
LBGKBR	Yfiler™ Plus								
3	39,40#	14	13#*	12	28	22	10	11	13#
	16	11	12#	20#	28#	14	14	10#	25
	39	11#	Not Tested	19#	16	19	22	Not Tested	11#
LD7GQR	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22		11	
MBLL3R	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
MEUA4M	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
MMW9ZW	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
MNLEJ3	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
MT7AGT	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
MY2FTG	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
MZ6UMV	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
N2A6FQ	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	

TABLE 3

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

Item 3 - YSTR Results

NAK9LP	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
NFWGH8	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
NGW4ZB	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
NHYLNZ	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
NWUGWE	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
NXDFA6	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
P7KG7P	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
PA6B3Q									
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
PELN7A	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
PRELDM									
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
PTRY9C	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
PV2369	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

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

Item 3 - YSTR Results

PWV4DX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
Q3JQGP	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
QHYLEX	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
QNRQ82	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
QYRWZM	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
QYYQBH	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
R2C44G	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
R2WM6G	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
RB3FK4	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
RDRV2Q	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
RHHA9K	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
RJBXDE	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

RMHHRM	PowerPlex® Y 23								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
RNM9JA	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
RT2PBM	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
RYAYV3	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14		25	
	11	13	19	16		22	12	11	
TBGFPC	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
TF8PZB	Yfiler™								
3	14	13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
TJFXL2	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
TJXNVL	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
TU7WRK	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
UGDR3K	Yfiler™								
3	N/A	14	13	12	28	22	10	11	13
	16	11	12	20	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	11
UJRJL9	Yfiler™								
3	14	13,13	12	28	22	10	11	13	
	16	11	12	20	14	14			
						22			11
UTUR3F	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

UVHUWF	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
UX78MK	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
V4ZHFN	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
VAE249	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
VC2GTH	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
VLJAHU	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
VZ9Z4G	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
W7WFDU	PowerPlex® Y 23								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
W9ERYC	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
WCW78J	Yfiler™								
3	NA	14	13	12	28	22	10	11	13
	16	11	12	20	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	11
WFJEZT	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
WFWAZQ	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

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

Item 3 - YSTR Results

WH2EGD	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
WJDYJV	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
WNDVGA	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
WUYGGG	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
WZN7TE	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
X2UBJ8	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
X3THER	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
XARVUF	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
XH6Q4G	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
XK46CE	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
XWNA6X	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
YEKW8F	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		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

YEMVY4	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
YJMTCZ	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
YNB6KW	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
YPXGVG	Yfiler™ Plus								
3	39,40	14	13,13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
Z2UKCH	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
Z4QDME	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
Z8MLFH	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZAW378	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZEHVC9	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		11
ZG2YUD	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZK4RWP	PowerPlex® Y 23								
3		14	13,13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11
ZTEZQX	PowerPlex® Y 23								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		25
		11	13	19	16		22	12	11

TABLE 3

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

Item 3 - YSTR Results

ZV9ULF	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZVNM9N	Yfiler™ Plus								
3	39,40	14	13	12	28	22	10	11	13
	16	11	12	20	28	14	14	10	25
	39	11		19	16	19	22		11
ZZTUM2	Yfiler™								
3		14	13	12	28	22	10	11	13
	16	11	12	20		14	14		
							22		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

3KTRZD	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
78C9P9	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
8J3GR8	ForenSeq Signature Prep - Primer Set B								
4	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR				NR	NR
		NR	NR	NR	NR		NR	NR	NR
8KUX6G	PowerPlex® Y 23								
4		-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
8QJXFB	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
ACR7RC	Yfiler™								
4		no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results		no results	no results		no results
							no results		no results
DB3KEV	Yfiler™ Plus								
4									
DPM38Y	PowerPlex® Y 23								
4									
G9XMGL	Yfiler™ Plus								
4	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result		No result	No result	No result	No result		No result
H964GX	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
J9ZH8G	PowerPlex® Y 23								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
		NR	NR	NR	NR		NR	NR	NR
LD7GQR	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR

TABLE 3

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

Item 4 - YSTR Results

NAK9LP	Yfiler™								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
RNM9JA	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
RT2PBM	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
UGDR3K	Yfiler™								
4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UX78MK	Yfiler™								
4	NA	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NA	NR	NR	NA	NA
	NA	NA	NA	NA	NA	NA	NR	NA	NR
VZ9Z4G	PowerPlex® Y 23								
4									
WFWAZQ	PowerPlex® Y 23								
4									
WZN7TE	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
X2UBJ8	Yfiler™ Plus								
4	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
Z4QDME	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D17S1301	8J3GR8	12,13	11,12	11,12			12,13		
D20S482	8J3GR8	13,14	13,14	13,14			13,14		
D4S2408	8J3GR8	10	9,10	9,10			10		
D9S1122	8J3GR8	11,14	12	12			11,14		
DXS10074	8J3GR8	17	15	15			17		
DXS10103	8J3GR8	18,19	20	20			18,19		
DXS10135	8J3GR8	20,26	21.1	21.1			20,26		
DXS7132	8J3GR8	14	14	14			14		
DXS7423	8J3GR8	14,15	14	14			14,15		
DXS8378	8J3GR8	10,12	11	11			10,12		
DYS505	8J3GR8	NR	11	11			NR		
DYS522	8J3GR8	NR	11	11			NR		
DYS612	8J3GR8	NR	29	29			NR		
F13A01	BDMQDQ	5,6	7,13	7,13			5,6		
F13B	BDMQDQ	7,8	6,7	6,7			7,8		
FESFPS	BDMQDQ	8,11	10	10			8,11		
HPRTB	8J3GR8	12,13	13	13			12,13		
LPL	BDMQDQ	9,10	9,12	9,12			9,10		
PENTA C	BDMQDQ	11,12	9,11	9,11			11,12		
QS1	RN9QRP								
	VNDKYL	Q	Q	Q			Q		
QS2	RMHHRM								
	RN9QRP								
	VNDKYL	S	S	S			S		

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16163.0	16192.0	16270.0	16295.0	16304.0
ITEM 1					
2H932M	G	T	T	T	C
6Z83AR	G	T	T	T	C
8J3GR8	G	T	T	T	C
8V7ZXM	G	T	T	T	C
9DQ7H6	G	T	T	T	C
BVJVKC	G	T	T	T	C
F789UJ	G	T	T	T	C
JRD376	G	T	T	T	C
M73P2V	G	T	T	T	C
NGW43W	G	T	T	T	C
QDQDV8	G	T	T	T	C
U7DGVQ	G	T	T	T	C
VARDZR	G	T	T	T	C
W9ERYC	G	T	T	T	C
WFWAZQ	G	T	T	T	C
ZHPYTM	G	T	T	T	C
ZNF37Y	G	T	T	T	C

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0	16519.0
ITEM 2										
2H932M	C	T	C	T	T	T	T	G	C	
6Z83AR	C	T	C	T	T	T	T	G	C	
8J3GR8	C	T	C	T	T	T	T	G	C	
8V7ZXM	C	T	C	T	T	T	T	G	C	
9DQ7H6	C	T	C	T	T	T	T	G	C	
BVJVKC	C	T	C	T	T	T	T	G	C	
F789UJ	C	T	C	T	T	T	T	G	C	C
JRD376	C	T	C	T	T	T	T	G	C	
M73P2V	C	T	C	T	T	T	T	G	C	
NGW43W	C	T	C	T	T	T	T	G	C	C
QDQDV8	C	T	C	T	T	T	T	G	C	C
U7DGVQ	C	T	C	T	T	T	T	G	C	C
VARDZR	C	T	C	T	T	T	T	G	C	
W9ERYC	C	T	C	T	T	T	T	G	C	
WFWAZQ	C	T	C	T	T	T	T	G	C	
ZHPYTM	C	T	C	T	T	T	T	G	C	
ZNF37Y	C	T	C	T	T	T	T	G	C	C

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0	16519.0
ITEM 3										
2H932M	C	T	C	T	T	T	T	G	C	C
6Z83AR	C	T	C	T	T	T	T	G	C	
8J3GR8	C	T	C	T	T	T	T	G	C	
8V7ZXM	C	T	C	T	T	T	T	G	C	
9DQ7H6	C	T	C	T	T	T	T	G	C	
F789UJ	C	T	C	T	T	T	T	G	C	
JRD376	C	T	C	T	T	T	T	G	C	
M73P2V	C	T	C	T	T	T	T	G	C	
NGW43W	C	T	C	T	T	T	T	G	C	C
QDQDV8	C	T	C	T	T	T	T	G	C	
U7DGVQ	C	T	C	T	T	T	T	G	C	C
W9ERYC	C	T	C	T	T	T	T	G	C	
ZNF37Y	C	T	C	T	T	T	T	G	C	

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16163.0	16192.0	16270.0	16295.0	16304.0
ITEM 4					
2H932M	G	T	T	T	C
6Z83AR	G	T	T	T	C
8J3GR8	G	T	T	T	C
8V7ZXM	G	T	T	T	C
9DQ7H6	G	T	T	T	C
F789UJ	G	T	T	T	C
JRD376	G	T	T	T	C
M73P2V	G	T	T	T	C
NGW43W	G	T	T	T	C
QDQDV8	G	T	T	T	C
U7DGVQ	G	T	T	T	C
W9ERYC	G	T	T	T	C
ZNF37Y	G	T	T	T	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2H932M	16024-16391	16024-16391	16024-16569	16024-16569
6Z83AR	16024 - 16365	16024 - 16365	16024 - 16365	16024 - 16365
8J3GR8	16024-16365	16024-16365	16024-16365	16024-16365
8V7ZXM	16024-16379	16924-16389	16024-16394	16024-16392
9DQ7H6	16024-16365	16024-16365	16024-16365	16024-16365
BVJVKC	15998-16400	15998-16400		
F789UJ	15998-16569	15998-16569	16001-16371	16001-16371
JRD376	16024-16391	16024-16391	16024-16391	16024-16391
M73P2V	16019-16374	16019-16374	16019-16374	16019-16374
NGW43W	16024-16545	16024-16569	16024-16569	16024-16545
QDQDV8	15998-16569	15998-16569	15998-16380	15998-16380
U7DGVQ	16024-16569	16024-16569	16024-16569	16024-16569
VARDZR	15998-16400	15998-16400		
W9ERYC	16024-16365	16024-16365	16024-16365	16024-16365
WFWAZQ	16024-16365	16024-16365		
ZHPYTM	15998-16400	15998-16400		
ZNF37Y	15998-16569	15998-16569	15998-16380	15998-16380

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	150.0	228.0	246.0	263.0	309.1	309.2	315.1
ITEM 1								
2H932M	G	T	A	N	G	C Ins		C Ins
6Z83AR	G	T	A		G	C		C
8J3GR8	G	T	A		G	C		C
8V7ZXM	G	T	A		G	C		C
9DQ7H6	G	T	A		G	C	C*	C
BVJKC	G	T	A		G	C		C
F789UJ	G	T	A		G	C		C
JRD376	G	T	A		G	C		C
M73P2V	G	T	A		G	C		C
NGW43W	G	T	A		G	C INS		C INS
QDQDV8	G	T	A		G	C		C
U7DGVQ	G	T	A		G	C INS		C INS
VARDZR	G	T	A		G	C		C
W9ERYC	G	T	A		G	C		C
WFWAZQ	G	T	A		G	C		C
ZHPYTM	G	T	A		G	C		C
ZNF37Y	G	T	A		G	C		C

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	152.0	182.0	185.0	189.0	195.0	247.0	263.0	309.1	315.1	357.0	523.0	524.0
ITEM 2													
2H932M	G	C	T	T	G	C	A	G	C Ins	C Ins	G		
6Z83AR	G	C	T	T	G	C	A	G	C	C			
8J3GR8	G	C	T	T	G	C	A	G					
8V7ZXM	G	C	T	T	G	C	A	G	C	C	G		
9DQ7H6	G	C	T	T	G	C	A	G	C	C			
BVJVKC	G	C	T	T	G	C	A	G	C	C	G		
F789UJ	G	C	T	T	G	C	A	G	C	C	G	D	D
JRD376	G	C	T	T	G	C	A	G	C	C	G		
M73P2V	G	C	T	T	G	C	A	G	C	C	G		
NGW43W	G	C	T	T	G	C	A	G	C INS	C INS	G	A DEL	C DEL
QDQDV8	G	C	T	T	G	C	A	G	C	C	G	D	D
U7DGVQ	G	C	T	T	G	C	A	G	C INS	C INS	G	A DEL	C DEL
VARDZR	G	C	T	T	G	C	A	G	C	C	G		
W9ERYC	G	C	T	T	G	C	A	G	C	C			
WFWAZQ	G	C	T	T	G	C	A	G	C	C			
ZHPYTM	G	C	T	T	G	C	A	G	C	C	G		
ZNF37Y	G	C	T	T	G	C	A	G	C	C	G	D	D

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	152.0	182.0	185.0	189.0	195.0	247.0	263.0	309.1	315.1	357.0	523.0	524.0
ITEM 3													
2H932M	G	C	T	T	G	C	A	G	C Ins	C Ins	G	A Del	C Del
6Z83AR	G	C	T	T	G	C	A	G	C	C			
8J3GR8	G	C	T	T	G	C	A	G					
8V7ZXM	G	C	T	T	G	C	A	G	C	C	G		
9DQ7H6	G	C	T	T	G	C	A	G	C	C			
F789UJ	G	C	T	T	G	C	A	G	G	C	G		
JRD376	G	C	T	T	G	C	A	G	C	C	G		
M73P2V	G	C	T	T	G	C	A	G	C	C	G		
NGW43W	G	C	T	T	G	C	A	G	C INS	C INS	G	A DEL	C DEL
QDQDV8	G	C	T	T	G	C	A	G	C	C	G		
U7DGVQ	G	C	T	T	G	C	A	G	C INS	C INS	G	A DEL	C DEL
W9ERYC	G	C	T	T	G	C	A	G	C	C			
ZNF37Y	G	C	T	T	G	C	A	G	C	C	G		

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	150.0	228.0	263.0	309.1	309.2	315.1
ITEM 4							
2H932M	G	T	A	G	C Ins		C Ins
6Z83AR	G	T	A	G	C		C
8J3GR8	G	T	A	G	C		C
8V7ZXM	G	T	A	G	C		C
9DQ7H6	G	T	A	A	C	C*	C
F789UJ	G	T	A	G	C		C
JRD376	G	T	A	G	C		C
M73P2V	G	T	A	G	C		C
NGW43W	G	T	A	G	C INS		C INS
QDQDV8	G	T	A	G	C		C
U7DGVQ	G	T	A	G	C INS		C INS
W9ERYC	G	T	A	G	C		C
ZNF37Y	G	T	A	G	C		C

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2H932M	39-458	35-464	1-576	1-576
6Z83AR	73-340	73-340	73-340	73-340
8J3GR8	73-340	73-266	73-266	73-340
8V7ZXM	51-381	50-387	62-387	47-397
9DQ7H6	73-340	73-340	73-340	73-340
BVJVKC	30-407	30-407		
F789UJ	1-542	1-544	39-364	39-368
JRD376	35-369	35-369	35-369	35-369
M73P2V	61-385	61-385	61-385	61-385
NGW43W	39-576	1-576	1-576	39-463
QDQDV8	1-540	1-540	39-365	39-365
U7DGVQ	1-576	1-576	1-576	1-576
VARDZR	30-407	30-407		
W9ERYC	73-340	73-340	73-340	73-340
WFWAZQ	73-340	73-340		
ZHPYTM	30-407	30-407		
ZNF37Y	1-540	1-540	39-365	39-365

DNA Interpretations

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

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
23YRE9	No	Yes	Yes	No	2RWEE9	No	Yes	Yes	No
24MMXN	No	Yes	Yes	No	2U6FP8	No	Yes	Yes	No
24TGZP	No	Yes	Yes	No	2W9KQ9	No	Yes	Yes	No
24ZWH3	No	Yes	Yes	No	2YZALM	No Interp	No Interp	Yes	No Interp
272GBN	No	Yes	Yes	No	32GZ2H	No	Yes	Yes	No
28Q7V3	No	Yes	Yes	No	33JPJL	No	Yes	Yes	No
28YB48	No	Yes	Yes	No	33R3NG	No	Yes	Yes	No
2AC84P	No	Yes	Yes	No	34L6H4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2BW9JK	No	Yes	Yes	No	34TL7B	No	Yes	Yes	No
2CMETJ	No	Yes	Yes	No	377MNB	No	Yes	Yes	No
2DYFDX	No	Yes	Yes	No	3DRHPE	No	Yes	Yes	No
2F29G4	No	Yes	Yes	No	3FEC92	No	Yes	Yes	No
2FL22E	No	Yes	Yes	No	3H724F	No	Yes	Yes	No
2GWYEV	No	Yes	Yes	No	3KF3A9	No	Yes	Yes	No
2H932M	No	Yes	Yes	No	3KTRZD	No Interp	No Interp	Yes	No Interp
2HLUPX	No	Yes	Yes	No	3M4MTX	No	Yes	Yes	No
2J3FRT	No	Yes	Yes	No	3NXBBT	No	Yes	Yes	No
2KFVYF	No	Yes	Yes	No	3P7NNN	No	Yes	Yes	No
2LDLMN	No	Yes	Yes	No	3ULZ3H				
2PYKM4	No	Yes	Yes	No	3VBAU7	No	Yes	Yes	No
2QLED8	No	Yes	Yes	No	44GBB4	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
46BGRG	No	Yes	Yes	No	6EFV63	No	Yes	Yes	No
46K6JW	No	Yes	Yes	No	6F9G2Z	No	Yes	Yes	No
49BM99	No	Yes	Yes	No	6FXLTE	No	Yes	Yes	No
49WYBM	No	Yes	Yes	No	6GBDJB	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4BJMK3	No	Yes	Yes	No	6LHXDA	No	Yes	Yes	No
4F2YKH	No	Yes	Yes	No	6MHAGB	No	Yes	Yes	No
4FTFM7	No Interpretations Reported, DNA Analyzed for Database purposes only.				6PM8YD	No	Yes	Yes	No
4FX7Y3	No	Yes	Yes	No	6QHBMV	No	Yes	Yes	No
4FY48D	No	Yes	Yes	No	6RA49P	No	Yes	Yes	No
4HLTHH	No	Yes	Yes	No	6RQ8V4	No	Yes	Yes	No
4N36Z4	No	Yes	Yes	No	6T28V6	No	Yes	Yes	No
4N8XZK	No Interp	No Interp	Yes	No Interp	6T4TRK	No	Yes	Yes	No
4NFNJQ	No	Yes	Yes	No	6T4WXG	No	Yes	Yes	No
4P2LHF	No	Yes	Yes	No	6UQAQ8	No	Yes	Yes	No
4VCGHJ	No	Yes	Yes	No	6VB8YQ	No	Yes	Yes	No
4VEBDB	No	Yes	Yes	No	6VPJQ4	No	Yes	Yes	No
4XHILL	No Interp	No Interp	Yes	No Interp	6Z83AR	No	Yes	Yes	No
4YBW4D	No	Yes	Yes	No	6ZDW44	No	Yes	Yes	No
4Z4WXH	No Interpretations Reported, DNA Analyzed for Database purposes only.				6ZW2WJ	No	Yes	Yes	No
62GNNE	No	Yes	Yes	No	78C9P9	No Interp	No Interp	Yes	No Interp
644ACV	No	Yes	Yes	No	78GH4R	No	Yes	Yes	No
66BKXD	No	Yes	Yes	No	7BMEZU	No	Yes	Yes	No
6DQJMB	No	Yes	Yes	No	7CRMPZ	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7EAWPK	No	Yes	Yes	No	8EQGQA	No	Yes	Yes	No
7F8B8C	No	Yes	Yes	No	8FAZB9	No	Yes	Yes	No
7FAV3R	No	Yes	Yes	No	8G4BXF	No	Yes	Yes	No
7H2YP8	No	Yes	Yes	No	8GRW6J	No	Yes	Yes	No
7H9TWJ	No	Yes	Yes	No	8H3YQH	No	Yes	Yes	No
7L9XUX	No	Yes	Yes	No	8J3GR8	No	Yes	Yes	No
7LZAL8	No	Yes	Yes	No	8KEY87	No	Yes	Yes	No
7NYPXB	No	Yes	Yes	No	8KUX6G	No	Yes	Yes	No
7RDYT7	No	Yes	Yes	No	8KVBMQ	No	Yes	Yes	No
7RXZTB	No	Yes	Yes	No	8LV9GK	No	Yes	Yes	No
7YBF6L	No	Yes	Yes	No	8NYV6W	No	Yes	Yes	No
7YFB36	No	Yes	Yes	No	8PYCHZ	No	Yes	Yes	No
7Z3JR2	No	Yes	Yes	No	8QJXFB	No Interp	No Interp	Yes	No Interp
82ZH3R	No	Yes	Yes	No	8RAEWQ	No	Yes	Yes	No
846RWM	No	Yes	Yes	No	8T3KY3	No	Yes	Yes	No
84FU2B	No	Yes	Yes	No	8UF2CG	No	Yes	Yes	No
869JDQ	No	Yes	Yes	No	8V7ZXM	No	Yes	Yes	No
87AXAV	No	Yes	Yes	No	8X34E3	No	Yes	Yes	No
896GF4	No	Yes	Yes	No	8X7H6A	No	Yes	Yes	No
89BY7T	No	Yes	Yes	No	8XCR2G	No	Yes	Yes	No
89KK8A	No	Yes	Yes	No	8XLVEE	No	Yes	Yes	No
8AK782	No	Yes	Yes	No	92HHLE	No	Yes	Yes	No
8CP7E9	No	Yes	Yes	No	962XW2	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
96Z4FG	No	Yes	Yes	No	ACFNYZ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
99WUF2	No	Yes	Yes	No	ACR7RC	No	Yes	Yes	No
9CYX63	No	Yes	Yes	No	ACZTKR	No	Yes	Yes	No
9DQ7H6	No	Yes	Yes	No	AHJBLG	No	Yes	Yes	No
9EC9GE	No	Yes	Yes	No	AJU7CE	No Interp	No Interp	Yes	No Interp
9GUK6H	No	Yes	Yes	No	AKMKHW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9GVEL3	No	Yes	Yes	No	ALBE6U	No	Yes	Yes	No
9HUW4C	No	Yes	Yes	No	AMJBDY	No	Yes	Yes	No
9JG9EW	No	Yes	Yes	No	ANQR3G	No	Yes	Yes	No
9L86AH	No	Yes	Yes	No	AP7XVE	No	Yes	Yes	No
9LBXVW	No	Yes	Yes	No	ARMAD3	No	Yes	Yes	No
9LMQGY	No	Yes	Yes	No	ATY7H8	No	Yes	Yes	No
9P6TJX	No	Yes	Yes	No	AVE7E4	No	Yes	Yes	No
9VCDQ4	No	Yes	Yes	No	AW2UNH	No	Yes	Yes	No
9VE298	No	Yes	Yes	No	AWZ72C	No	Yes	Yes	No
9VTGBM	No	Yes	Yes	No	AXY97A	No	Yes	Yes	No
A2U827	No	Yes	Yes	No	AYA796	No	Yes	Yes	No
A39H46	No	Yes	Yes	No	B886P7	No	Yes	Yes	No
A3CJ8W	No	Yes	Yes	No	B9DPD7	No	Yes	Yes	No
A4XFA3	No	Yes	Yes	No	B9VMKC	No Interpretations Reported, DNA Analyzed for Database purposes only.			
A8C3LB	No	Yes	Yes	No	BCAQ3U	No	Yes	Yes	No
A9ZHQD	No Interpretations Reported, DNA Analyzed for Database purposes only.				BCCYDM	No	Yes	Yes	No
ABQW29	No	Yes	Yes	No	BCTBT7	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BD8LZC	No Interp	No Interp	Yes	No Interp	C9TD4Z	No	Yes	Yes	No
BDMQDQ	No	Yes	Yes	No	C9X3JB	No	Yes	Yes	No
BN823A	No	Yes	Yes	No	CBB8EX	No	Yes	Yes	No
BNP4FC	No	Yes	Yes	No	CBTHP8	No	Yes	Yes	No
BP46K4	No	Yes	Yes	No	CCNLZL	No	Yes	Yes	No
BPPFZ4	No	Yes	Yes	No	CF83P2	No	Yes	Yes	No
BQCRTX	No	Yes	Yes	No	CF9X9W	No	Yes	Yes	No
BTEQ36	No	Yes	Yes	No	CKLL2G	No	Yes	Yes	No
BURRXW	No Interpretations Reported, DNA Analyzed for Database purposes only.				CMWGTZ	No	Yes	Yes	No
BVJVKC	No Interp	No Interp	No Interp	No Interp	CPC39Z	No	Yes	Yes	No
BVUBLL	No	Yes	Yes	No	CPGL64	No	Yes	Yes	No
BYCYW6	No	Yes	Yes	No	CRJK6B	No	Yes	Yes	No
BYPTAK	No	Yes	Yes	No	CTBD6Z	No	Yes	Yes	No
BZGWWZ	No	Yes	Yes	No	CVX676	No	Yes	Yes	No
BZXUCR	No	Yes	Yes	No	CYWVEH	No	Yes	Yes	No
C2UJEE					D2KAAY	No	Yes	Yes	No
C2VMKA	No	Yes	Yes	No	D4RPRW	No	Yes	Yes	No
C3RUAG	No	Yes	Yes	No	D74VE6	No	Yes	Yes	No
C6PLQT	No	Yes	Yes	No	D8DF8U	No	Yes	Yes	No
C73YVP	No	Yes	Yes	No	DB3KEV	No	Yes	Yes	No
C77YXV	No	Yes	Yes	No	DBRZ9N	No	Yes	Yes	No
C8BWHX	No	Yes	Yes	No	DDLPM3	No	Yes	Yes	No
C8XPPB	No	Yes	Yes	No	DFBXVH	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
DFHVRZ	No	Yes	Yes	No	EADWT3	No	Yes	Yes	No
DFJF8U	No	Yes	Yes	No	EBRDDV	No	Yes	Yes	No
DFQ6B9	No	Yes	Yes	No	ECMTUY	No	Yes	Yes	No
DHABFW	No	Yes	Yes	No	EDE3AT	No	Yes	Yes	No
DJ9FYC	No	Yes	Yes	No	EDFW77	No	Yes	Yes	No
DJF2YX	No	Yes	Yes	No	EEBF98	No	Yes	Yes	No
DJPF79	No	Yes	Yes	No	EEBTX2	No	Yes	Yes	No
DLALBW	No	Yes	Yes	No	EJA3BP	No	Yes	Yes	No
DN4J74	No	Yes	Yes	No	ENZGT4	No	Yes	Yes	No
DNHP8U	No	Yes	Yes	No	ER22QW	No	Yes	Yes	No
DNLUJ3	No	Yes	Yes	No	ERJ4G6	No Interp	No Interp	Yes	No Interp
DPM38Y	No	Yes	Yes	No	ERWTL3	No	Yes	Yes	No
DQJGUR	No	Yes	Yes	No	EU9ZXN	No	Yes	Yes	No
DQY3L2	No	Yes	Yes	No	EWTED6				
DT98YQ	No	Yes	Yes	No	EXNWK9	No	Yes	Yes	No
DTVFL2	No	Yes	Yes	No	EY99XC	No	Yes	Yes	No
DUNA7Y	No	Yes	Yes	No	EYP9UT	No Interp	No Interp	Yes	No Interp
DV39M8	No	Yes	Yes	No	EZWHEL	No	Yes	Yes	No
DXH7BW	No	Yes	Yes	No	F789UJ	No	Yes	Yes	No
DY3JH8	No	Yes	Yes	No	F7WUY4	No	Yes	Yes	No
DYUHFT	No	Yes	Yes	No	FAV8F2	No	Yes	Yes	No
E4CKAC	No	Yes	Yes	No	FDF2G9	No	Yes	Yes	No
E9EFDC	No	Yes	Yes	No	FG8GCA	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
FK7QPW	No	Yes	Yes	No	GPG48V	No	Yes	Yes	No
FNWCXR	No	Yes	Yes	No	GQDJG8	No	Yes	Yes	No
FPH3LP	No	Yes	Yes	No	GQTWTW	No	Yes	Yes	No
FRUZ98	No	Yes	Yes	No	GRCTH4	No	Yes	Yes	No
FTLG6W	No	Yes	Yes	No	GRNJFL	No	Yes	Yes	No
FUDWJQ	No	Yes	Yes	No	GU9HK4	No	Yes	Yes	No
FKVCQW	No	Yes	Yes	No	GUH6DJ	No	Yes	Yes	No
G38VRY	No	Yes	Yes	No	GVNLBP	No	Yes	Yes	No
G39TZA	No	Yes	Yes	No	GY72M3	No	Yes	Yes	No
G4YWTG	No	Yes	Yes	No	GYM4LN	No	Yes	Yes	No
G8VR8A	No	Yes	Yes	No	GYU27Z	No	Yes	Yes	No
G9XMGL	No	Yes	Yes	No	GZHLPK	No	Yes	Yes	No
GABNDF	No	Yes	Yes	No	GZXVMR	No	Yes	Yes	No
GBJ8T4	No	Yes	Yes	No	H3MGYF	No	Yes	Yes	No
GBXMTX	No	Yes	Yes	No	H43RZT	No	Yes	Yes	No
GCU2FQ	No	Yes	Yes	No	H4FKFU	No	Yes	Yes	No
GEKJ23	No	Yes	Yes	No	H4QXUH	No	Yes	Yes	No
GENQYC	No	Yes	Yes	No	H6AFUP	No	Yes	Yes	No
GFDZV7	No	Yes	Yes	No	H739P9	No	Yes	Yes	No
GFUND7	No	Yes	Yes	No	H7N2ZY	No	Yes	Yes	No
GGNX3V	No	Yes	Yes	No	H964GX	No Interp	No Interp	Yes	No Interp
GGQ2ZY	No	Yes	Yes	No	H9AH3Y	No	Yes	Yes	No
GLYZ6R	No	Yes	Yes	No	HEXXXX	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HFDRK7	No	Yes	Yes	No	JAPWEF	No	Yes	Yes	No
HG863C	No	Yes	Yes	No	JBAL2R	No	Yes	Yes	No
HH2TL8	No	Yes	Yes	No	JC9EKJ	No	Yes	Yes	No
HHHRUY	No Interpretations Reported, DNA Analyzed for Database purposes only.				JD2VJT	No	Yes	Yes	No
HKLRQP	No	Yes	Yes	No	JJNY7Q	No	Yes	Yes	No
HLT3AL	No	Yes	Yes	No	JK3ENX	No	Yes	Yes	No
HM7WPL	No	Yes	Yes	No	JPAWVD	No	Yes	Yes	No
HPWUK8	No	Yes	Yes	No	JQ7684	No	Yes	Yes	No
HTHHF7	No	Yes	Yes	No	JRBVYQ	No	Yes	Yes	No
HTW6G8	No	Yes	Yes	No	JRD376	No	Yes	Yes	No
HWHLCY	No	Yes	Yes	No	JRURBQ	No	Yes	Yes	No
HZ2N97	No	Yes	Yes	No	JTPBCR	No	Yes	Yes	No
HZF7Y7	No	Yes	Yes	No	JUNFV8	No	Yes	Yes	No
J2F64V	No	Yes	Yes	No	JVFW9G	No	Yes	Yes	No
J2HTMU	No	Yes	Yes	No	JVJX9U	No	Yes	Yes	No
J3E2WY	No	Yes	Yes	No	JXHYP6	No	Yes	Yes	No
J4QUXT	No	Yes	Yes	No	K3AHCL	No	Yes	Yes	No
J66ZF4	No	Yes	Yes	No	K4QPZG	No	Yes	Yes	No
J6N227	No	Yes	Yes	No	K6J69L	No	Yes	Yes	No
J7L3EP	No Interp	No Interp	Yes	No Interp	K9WQWY	No	Yes	Yes	No
J8RXPf	No	Yes	Yes	No	K9ZHLU	No	Yes	Yes	No
J9ZH8G	No	Yes	Yes	No	KAGC3W	No	Yes	Yes	No
JA2QW2	No	Yes	Yes	No	KATLKN	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KAXZAV	No	Yes	Yes	No	L7AK4F	No	Yes	Yes	No
KBPP7Q	No	Yes	Yes	No	L7NDTJ	No	Yes	Yes	No
KD27YW	No Interpretations Reported, DNA Analyzed for Database purposes only.				L8K8V3				
KENZ3Q	No	Yes	Yes	No	L9VET4	No	Yes	Yes	No
KH94X4	No	Yes	Yes	No	LAVLJG	No	Yes	Yes	No
KHTWEL	No	Yes	Yes	No	LB9FYG	No	Yes	Yes	No
KJ3HUU	No	Yes	Yes	No	LBGKBR	No	Yes	Yes	No
KJH6QN	No	Yes	Yes	No	LBMN7W	No	Yes	Yes	No
KKURBN	No	Yes	Yes	No	LCWAQK	No	Yes	Yes	No
KLVEG3	No Interpretations Reported, DNA Analyzed for Database purposes only.				LD7GQR	No Interp	No Interp	Yes	No Interp
KN8W46	No	Yes	Yes	No	LFXA4N	No	Yes	Yes	No
KNT9LX	No	Yes	Yes	No	LGX6WT	No	Yes	Yes	No
KQWQZT	No	Yes	Yes	No	LHA23X	No	Yes	Yes	No
KQZ93X	No	Yes	Yes	No	LHF6DM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KRAQ7F	No	Yes	Yes	No	LHXJWD	No	Yes	Yes	No
KTU3WL	No	Yes	Yes	No	LL8K3B	No	Yes	Yes	No
KVF8J4	No	Yes	Yes	No	LMG6VX	No	Yes	Yes	No
KVK3EQ	No	Yes	Yes	No	LPAL4T	No	Yes	Yes	No
KYFGQY	No	Yes	Yes	No	LPKC3B	No	Yes	Yes	No
KYVENC	No	Yes	Yes	No	LTZZ8F	No	Yes	Yes	No
L2B3TG	No	Yes	Yes	No	LVQ4DU	No Interpretations Reported, DNA Analyzed for Database purposes only.			
L2VYYP	No	Yes	Yes	No	M32QNG	No	Yes	Yes	No
L3ACTD	No	Yes	Yes	No	M6FY7H	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
M73MGW	No	Yes	Yes	No	N773AU	No	Yes	Yes	No
M73P2V	No	Yes	Yes	No	N9T8ZZ	No	Yes	Yes	No
M9DKVZ	No	Yes	Yes	No	NAK9LP	No	Yes	Yes	No
M9W3UK	No	Yes	Yes	No	NBFXUD	No	Yes	Yes	No
MABYB7	No	Yes	Yes	No	NFEZCZ	No	Yes	Yes	No
MBLL3R	No	Yes	Yes	No	NFPYCA	No	Yes	Yes	No
MCDT3V	No	Yes	Yes	No	NFWGH8	No	Yes	Yes	No
MCTAXN	No	Yes	Yes	No	NGW43W	No	Yes	Yes	No
MEUA4M	No	Yes	Yes	No	NGW4ZB	No	Yes	Yes	No
MH2KG4	No	Yes	Yes	No	NHC7A6	No	Yes	Yes	No
MMQX6K	No	Yes	Yes	No	NHYLNZ	No	Yes	Yes	No
MMW9ZW	No	Yes	Yes	No	NJQZFD	No	Yes	Yes	No
MNLEJ3	No	Yes	Yes	No	NK2Z7T	No	Yes	Yes	No
MT7AGT	No	Yes	Yes	No	NLYA9B	No	Yes	Yes	No
MV844H	No	Yes	Yes	No	NN6BAE	No	Yes	Yes	No
MW38GK	No	Yes	Yes	No	NPQ8DK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MY2FTG	No	Yes	Yes	No	NR7W6K	No	Yes	Yes	No
MYJ3T4	No	Yes	Yes	No	NUYKU8	No	Yes	Yes	No
MZ6UMV	No	Yes	Yes	No	NWUGWE	No	Yes	Yes	No
N2A6FQ	No	Yes	Yes	No	NXDFA6	No	Yes	Yes	No
N3MHCZ	No	Yes	Yes	No	NYZYVB	No	Yes	Yes	No
N6A4ZG	No	Yes	Yes	No	P2K4AZ	No	Yes	Yes	No
N76TBQ	No	Yes	Yes	No	P7KG7P	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
PA6B3Q	No	Yes	Yes	No	QYYQBH	No	Yes	Yes	No
PELN7A	No	Yes	Yes	No	R2C44G	No	Yes	Yes	No
PM9JW2	No	Yes	Yes	No	R2WM6G	No Interp	No Interp	Yes	No Interp
PN6FHV	No	Yes	Yes	No	R36UAV	No	Yes	Yes	No
PNKUUC	No	Yes	Yes	No	R48HXZ	No	Yes	Yes	No
PRELDM	No	Yes	Yes	No	R89MJL	No	Yes	Yes	No
PTRY9C	No	Yes	Yes	No	R9NPQU	No	Yes	Yes	No
PV2369	No	Yes	Yes	No	RANBNQ	No	Yes	Yes	No
PV4ZQH	No	Yes	Yes	No	RB3FK4	No	Yes	Yes	No
PVFMEK	No	Yes	Yes	No	RB3NGU	No	Yes	Yes	No
PWV4DX	No	Yes	Yes	No	RDRV2Q	No Interp	No Interp	Yes	No
PZ2JTG	No	Yes	Yes	No	RGRXZZ	No	Yes	Yes	No
Q2JUML	No	Yes	Yes	No	RGUTE6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
Q3JQGP	No	Yes	Yes	No	RHHA9K	No	Yes	Yes	No
Q7GAJN	No	Yes	Yes	No	RJBXDE	No	Yes	Yes	No
QDQDV8	No	Yes	Yes	No	RJCXQF	No	Yes	Yes	No
QHYLEX	No Interp	No Interp	Yes	No Interp	RKVQWJ	No	Yes	Yes	No
QMNDXN	No	Yes	Yes	No	RLJDZ8	No	Yes	Yes	No
QNRQ82	No	Yes	Yes	No	RMHHRM	No	Yes	Yes	No
QU6AX9	No	Yes	Yes	No	RN7PLB	No	Yes	Yes	No
QUUHBC	No	Yes	Yes	No	RN9QRP	No	Yes	Yes	No
QVYXG6	No	Yes	Yes	No	RNM9JA	No	Yes	Yes	No
QYRWZM	No	Yes	Yes	No	RQJDP4	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RT2PBM	No Interp	No Interp	Yes	No Interp	TPGEGF	No	Yes	Yes	No
RT7CKD	No	Yes	Yes	No	TRUBFC	No	Yes	Yes	No
RW88RV	No	Yes	Yes	No	TU7WRK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
RW89CU	No	Yes	Yes	No	TWZVEC	No	Yes	Yes	No
RWGA4U	No	Yes	Yes	No	TZ3FE3	No	Yes	Yes	No
RXYEMT	No	Yes	Yes	No	U7DGVQ	No	Yes	Yes	No
RYAYV3	No	Yes	Yes	No	U8GQYG	No	Yes	Yes	No
RZ99VY	No Interpretations Reported, DNA Analyzed for Database purposes only.				UAZP7K	No	Yes	Yes	No
T44J64	No	Yes	Yes	No	UERQH7	No	Yes	Yes	No
T4WR3E	No Interpretations Reported, DNA Analyzed for Database purposes only.				UF7CVE	No	Yes	Yes	No
T4YTAE	No	Yes	Yes	No	UFRRKH	No	Yes	Yes	No
T9HUJT	No	Yes	Yes	No	UGDR3K	No	Yes	Yes	No
TBDBD2	No	Yes	Yes	No	UJBQRK	No	Yes	Yes	No
TBGFPC	No	Yes	Yes	No	UJRJL9	No	Yes	Yes	No
TBLW2H	No	Yes	Yes	No	ULFE8B	No	Yes	Yes	No
TBXKE3	No	Yes	Yes	No	UMDMHF	No	Yes	Yes	No
TF8PZB	No	Yes	Yes	No	UTUR3F	No	Yes	Yes	No
TFPYTB	No	Yes	Yes	No	UUBFRU	No	Yes	Yes	No
THZMMA	No	Yes	Yes	No	UVHUWF	No	Yes	Yes	No
TJD7GE	No	Yes	Yes	No	UX78MK	No	Yes	Yes	No
TJFXL2	No Interp	No Interp	Yes	No Interp	UYVQ9H	No	Yes	Yes	No
TJXNVL	No	Yes	Yes	No	V4ZHFN	No Interp	No Interp	Yes	No Interp
TMV33P	No	Yes	Yes	No	VAE249	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VARDZR	No Interp	No Interp	No Interp	No Interp	WEPXJP	No	Yes	Yes	No
VC2GTH	No	Yes	Yes	No	WFJEZT	No	Yes	Yes	No
VC4KN2	No	Yes	Yes	No	WFWAZQ	No	Yes	Yes	No
VDHBEX	No	Yes	Yes	No	WFYXNW	No	Yes	Yes	No
VEYCQZ	No	Yes	Yes	No	WH2EGD	No	Yes	Yes	No
VGGMAX	No	Yes	Yes	No	WJDYJV	No	Yes	Yes	No
VJYTLD	No	Yes	Yes	No	WJWJ8M	No	Yes	Yes	No
VLJAHU	No	Yes	Yes	No	WMLRUU	No	Yes	Yes	No
VNDKYL	No	Yes	Yes	No	WNDVGA	No	Yes	Yes	No
VQMD4L	No	Yes	Yes	No	WRCG3E	No	Yes	Yes	No
VQYDPU	No	Yes	Yes	No	WUYGGG	No	Yes	Yes	No
WLLMB	No	Yes	Yes	No	WVPJNA	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VZ9Z4G	No	Yes	Yes	No	WVQE8F	No	Yes	Yes	No
W2WVYN	No	Yes	Yes	No	WXXJ4P	No	Yes	Yes	No
W43D4C	No	Yes	Yes	No	WZN7TE	No	Yes	Yes	No
W4B996	No	Yes	Yes	No	X2UBJ8	No	Yes	Yes	No
W7WFDU	No Interp	No Interp	Yes	No Interp	X3QN8Z	No	Yes	Yes	No
W9ERYC	No	Yes	Yes	No	X3THER	No	Yes	Yes	No
WBPLMP	No	Yes	Yes	No	X8L49U	No	Yes	Yes	No
WBWZK6	No	Yes	Yes	No	X96UPU	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WCW78J	No Interpretations Reported, DNA Analyzed for Database purposes only.				XA3CR7	No	Yes	Yes	No
WE4JUC	No	Yes	Yes	No	XA89JD	No	Yes	Yes	No
WEBAEH	No	Yes	Yes	No	XART6B	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XARVUF	No	Yes	Yes	No	YMUH4W	No	Yes	Yes	No
XBWZA3	No	Yes	Yes	No	YN4TCL	No	Yes	Yes	No
XC4B2N	No Interpretations Reported, DNA Analyzed for Database purposes only.				YNB6KW	No	Yes	Yes	No
XCBWT9	No	Yes	Yes	No	YPXGVG	No	Yes	Yes	No
XCHMDD	No	Yes	Yes	No	YQCW8X	No	Yes	Yes	No
XH6Q4G	No	Yes	Yes	No	YRNKWP	No	Yes	Yes	No
XK46CE	No	Yes	Yes	No	YTNFML	No	Yes	Yes	No
XKEQ9N	No	Yes	Yes	No	YVQFKX	No	Yes	Yes	No
XMGE3R	No	Yes	Yes	No	YXHPYL	No	Yes	Yes	No
XWH9PP	No	Yes	Yes	No	Z2UA6Y	No	Yes	Yes	No
XWNA6X	No Interp	No Interp	Yes	No Interp	Z2UKCH	No	Yes	Yes	No
XXGBGE	No	Yes	Yes	No	Z4QDME	No Interp	No Interp	Yes	No Interp
Y823JX	No	Yes	Yes	No	Z6WKBU	No	Yes	Yes	No
Y8FFZE	No	Yes	Yes	No	Z7X87X	No	Yes	Yes	No
Y9YYJT	No	Yes	Yes	No	Z7ZHDA	No	Yes	Yes	No
YD6NTL	No	Yes	Yes	No	Z8MLFH	No	Yes	Yes	No
YDFCMD	No	Yes	Yes	No	Z94ABN	No	Yes	Yes	No
YEKW8F	No	Yes	Yes	No	Z9B6BN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
YEMVY4	No	Yes	Yes	No	ZAW378	No Interp	No Interp	Yes	No Interp
YHHU3Z	No Interp	No Interp	No Interp	No Interp	ZB2GUU	No	Yes	Yes	No
YHXTL	No	Yes	Yes	No	ZCV6DP	No	Yes	Yes	No
YHYRCR	No	Yes	Yes	No	ZEHVC9	No	Yes	Yes	No
YJMTCZ	No	Yes	Yes	No	ZG2YUD	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZHFVM4	No	Yes	Yes	No					
ZHPYTM	No Interp	No Interp	No Interp	No Interp					
ZHWWNK	No	Yes	Yes	No					
ZHYGKZ	No	Yes	Yes	No					
ZK4RWP	No Interp	No Interp	Yes	No Interp					
ZNF37Y	No	Yes	Yes	No					
ZTEZQX	No	Yes	Yes	No					
ZTHVM3	No	Yes	Yes	No					
ZUC83X	No	Yes	Yes	No					
ZV9ULF	No	Yes	Yes	No					
ZVAYAH	No	Yes	Yes	No					
ZVNM9N	No	Yes	Yes	No					
ZXVYAY	No	Yes	Yes	No					
ZZTUM2	No	Yes	Yes	No					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 654		
<i>Based on the results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		0	597	621	0
No		597	0	0	598
Inc		0	0	0	0
No Interpretation		28	28	4	27
No Response		4	4	4	4

Participants analyzing DNA for database purposes only: 25

Additional Comments

TABLE 8

WebCode	Additional Comments
28Q7V3	In accordance with laboratory testing and interpretation policies, DYS391 for all autosomal samples is reported as INC. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
2AC84P	NR = No Results. Note: For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
2BW9JK	NR - no interpretable results
2F29G4	DYS391 is reported as INC for all samples tested using autosomal STR's per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
2LDLMN	NR= no results. Forensic biologist performed all screening tests.
2QLED8	DYS391 is reported as INC for all samples tested per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
33JPJL	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
34TL7B	Item 4: A test for the presence of acid phosphatase was inconclusive due to fabric color.
377MNB	DYS391 is reported as INC for all samples tested per laboratory PowerPlex Fusion Interpretation Policy. Any labeled peaks that are likely due to PCR/STR artifact seen in sample FBPT21-00201_4_1.2_SHIRT1_BL were not reported and will not be used for conclusions or comparisons.
3DRHPE	NR = no results
3KF3A9	Screening Tests: HemDirect: 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. AP: Seminal fluid was not detected by presumptive testing for acid phosphatase (found in high concentrations in seminal fluid/semen) with Sodium Thymolphthalein Monophosphate (STMP). KM: This test alone does not confirm the presence of blood.
3NXBBT	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
3ULZ3H	The data in this CTS was generated through a technician workflow. No interpretations for inclusion/exclusion were made. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
46K6JW	NR - no result

TABLE 8

WebCode	Additional Comments
4BJMK3	Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Per laboratory policy, the DYS391 locus tested in PowerPlex Fusion will not be interpreted or reported and will be marked "INC".
4HLTHH	NR = No Result
4N36Z4	Items 3 and 4 were PSA tested to determine extraction method. Both items were PSA negative and therefore extracted with the non-differential method. [Initials] 11/1/2021
4NFNJQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
4XHILL	Only Y-STR interpretation performed by this analyst.
4YBW4D	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 elevated stutter peaks which are being reported to the vendor as an additional comment but which have been modeled as stutter probabilistically during interpretation at the following loci: Item 1/locus vWA/allele 19 and Item 4/locus vWA/allele 19. 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.
66BKXD	NR/NE - NO RESULTS/NOT EXPECTED. NA - NOT APPLICABLE.
6RA49P	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
6T4TRK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
6T4WXG	MiniFiler was also used to amplify item 4. Concordant results were obtained with GlobalFiler and MiniFiler.
6VB8YQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
78C9P9	Within the data table for Item 4, NR = no result.
78GH4R	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
7BMEZU	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.
7EAWPK	Reporting with stutter filters on.
7FAV3R	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
7H2YP8	A test for the presence of acid phosphatase was inconclusive for item 4 due to difficulty in accurately detecting a color change as a result of substrate color.
7H9TWJ	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. NR = no result(s) detected. NT = locus not tested.
7LZAL8	Exh. 4 - AP inconclusive due to fabric color
7NYPXB	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 Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Item 1 and Item 2 were amplified using AmFISTR Identifiler Direct Kit while Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3 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 (Identifiler Direct), Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3500xl for Item 2 and Item 3. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
7YBF6L	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
7YFB36	Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Regarding PowerPlex Fusion results, DYS391 is reported as INC per lab policy. PowerPlex Fusion and Yfiler amplification kits were used to test items #2 and #3 and the results were concordant at the DYS391 locus.
846RWM	NR = no typing results. NT = not tested.
84FU2B	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
89BY7T	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.
8EQGQA	NR = No Results
8KEY87	DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy.
8KUX6G	Item3_LR =2,39E029(H1=suspect_H2=one_unknown_person). Item4_LR=2,61E028(H1=victim_H2=one_unknown_person).
8LV9GK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
8PYCHZ	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.
8QJXFB	No Y-STR results were obtained for Item 4. Therefore, no comparison were made between suspect (Item 2) and Item 4.
8X7H6A	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 denotes No results.
8XCR2G	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
9DQ7H6	*[From Table 6a, Items 1 and 4 - "C (heteroplasmy)"]
9EC9GE	Minifiler was also used to amplify item 3. Concordant results were obtained with GlobalFiler and Minifiler for this item.
9HUW4C	This lab doesn't perform Y-STR testing, mtDNA testing and reports samples with stutter filters on.
9JG9EW	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy.

TABLE 8

WebCode	Additional Comments
9VE298	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: sample [Laboratory Specific Item Name] at vWA allele 19 and [Laboratory Specific Item Name] at vWA allele 19.
9VTGBM	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
A2U827	NR/NE=No Results/Not Expected. NA=Not Applicable.
A3CJ8W	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.
A4XFA3	# = Locus contains allele(s) below stochastic threshold. { } = Peak height ratio lower than expected.
A8C3LB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ABQW29	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
AP7XVE	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ARMAD3	Per lab policy, DYS391 is reported as INC using the PowerPlex Fusion amplification kit. Additional peak detected in item 4 and not reported on this form is likely due to a PCR/STR artifact. The peak will not be reported and will not be used for conclusions or comparisons.
ATY7H8	NR/NE = no results, not expected. NA = not applicable.
AVE7E4	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 8

WebCode	Additional Comments
B2XTPY	Biology testing only. 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. Amylase (an enzyme found in body fluids) was not detected by presumptive testing with the amylase radial diffusion method.
B886P7	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.
B9DPD7	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.
BD8LZC	AP testing was performed for extraction method determination only.
BTEQ36	NR/NE = No Results/Not Expected. NA = Not Applicable.
BVJVKC	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Item Name] (Item 1) and [Laboratory Specific Item Name] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C, 523delA and 524delC.
BYPTAK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
BZXUCR	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and Item 4 were extracted using Chelex extraction method. 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 Globalfiler Express Kit on ABI 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 and Item 3 were amplified using AmpFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4 (Globalfiler). Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male allele.
C2UJEE	The data in this CTS was generated through a technician workflow. No interpretations for inclusion/exclusion were made. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks as being reported as possible allele(s).
C2VMKA	Minifiler was also used to amplify item 3. Concordant results were obtained at all loci that are present in both Globalfiler and Minifiler.
C3RUAG	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
C6PLQT	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit: Item 3: Male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: No male DNA was detected on this item utilizing the Plexor HY Quantification kit.

TABLE 8

WebCode	Additional Comments
C77YXV	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.
C8XPPB	NR=No Result
C9TD4Z	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.
C9X3JB	NR = no results. Screening tests performed by a qualified Forensic Biologist and samples transferred to DNA analyst per SOP. #2 tested with GlobalFiler and GlobalFiler Express; concordant results generated.
CF83P2	DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
CKLL2G	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
CYWVEH	NR = No results
D2KA EY	DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
D74VE6	NR = No Result
DDLPM3	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus: Item 4, locus D8 and allele 15.
DFBXVH	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DFJF8U	DYS391 is reported INC for all samples tested using PowerPlex® fusion kit per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.

TABLE 8

WebCode	Additional Comments
DJF2YX	DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.
DPM38Y	We determined that there was possible degradation and or inhibition in the evidence samples. We were unable to obtain a full autosomal DNA profile despite trying different extraction methods (magnetic extraction and organic extraction) as well as different sample input volumes during amplification and different injection volumes.
DQY3L2	NR = No Results
DV39M8	reporting with stutter filters on. Mito and Y's not performed at this laboratory.
DY3JH8	Mitochondrial and Y-STR DNA are not performed in this laboratory. Data analyzed with stutter filters on.
E4CKAC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
E9EFDC	NR = No DNA typing results
E9YL2P	Male screening interpretation completed on items 3 and 4. DNA Analytical for items 1-4: manual extraction and purification with QIAmp Mini Kit, manual quantification with Quantifiler Human, robotic amplification with 24Plex Amplification Kit, and Capillary Electrophoresis with 3130xl.
ECMTUY	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.
EDFW77	The [Laboratory] does not test any additional loci and does not perform YSTR or mtDNA testing.
EJA3BP	I used swabs to collect portions of the stains from items 3 and 4, as 3-1 and 4-1 respectively.
ERJ4G6	Only Y-screening and Y-STRs were performed on applicable samples for the purpose of this proficiency test. Item 1 (known blood from the female victim) was not examined. Additionally Item 4 was not amplified for Y-STRs as male DNA was not detected. DNA interpretation was only conducted for Items 2 and 3. No interpretation was conducted regarding Item 1 or 4 as DNA profiles were not generated.
ERWTL3	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.
EWTE6	The data in this CTS was generated through a technician workflow. No interpretations for inclusion/exclusion were made. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
EY99XC	NR = No Result
EYP9UT	Only performed Y-STR Typing on this test

TABLE 8

WebCode	Additional Comments
EZWHEL	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.
F789UJ	Items 3 and 4 were not processed for STR or YSTR analysis. Items 1 and 2 were processed for STR/YSTR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis.
FAV8F2	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 in that allele table(s) denotes no results.
FDF2G9	NR = No results
FVKCQW	{ } = imbalanced alleles
G9XMGL	Serology results- Human origin is based on hematrace result and DNA results obtained. Y screening based on Y Filer Plus result and male DNA being detected in the quantitation phase.
GABNDF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GBJ8T4	Minifiler was also used to amplify Item 4. Concordant results were obtained for Minifiler and Globalfiler.
GENQYC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GFUND7	A qualified Forensic Biologist performed all screening tests. The DNA analyst performed KM testing. The DNA analyst reviewed and interpreted the male screen results. NR = No Results.
GQTTW	As per laboratory protocols, DYS391 is deemed INC.
GRCTH4	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GRNJFL	Male screening was performed on item 3 and item 4 using the Plexor HY quantification kit.
GUH6DJ	NR = no result
GWJDDN	Performed MSI only on CTS215705 data.
GY72M3	Reporting results with stutter filters on.

TABLE 8

WebCode	Additional Comments
GYU27Z	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: 19 allele at vWA in Exhibits 1 and 4. 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.
H4FKFU	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.
H739P9	This analyst is not proficient in serology at this time. Thus, all evidence proficiency samples were extracted on the Hamilton extraction platform.
H7N2ZY	ND = Not Detected
H964GX	Item 1 was not processed for Y-STR Analysis. Therefore, no comparisons were made between Victim (Item 1) and the evidence items. No Y-STR results were obtained for Item 4. Therefore, no comparisons were made between Suspect (Item 2) and Item 4. A team approach was used for the DNA testing procedures.
HFDRK7	NR=No results. DYS391 concordant for GlobalFiler and YFiler Plus (#2 and #3). All serology was performed by a member of the FB Unit.
HG863C	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HH2TL8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HM7WPL	DYS391 is reported as INC for the PowerPlex Fusion system as per laboratory policy.
HTHHF7	ND = Not detected
HWHLCY	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 elevated stutter peaks which are being reported to the vendor as an additional comment but which have been modeled as stutter probabilistically during interpretation at the following locus/loci: Sample 3 vWA/19 and SE33/22: 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.
J2F64V	NR/NE = No Results/Not Expected. NA = Not Applicable. mtDNA testing was not performed.

TABLE 8

WebCode	Additional Comments
J2HTMU	Extraction: Item 3 and Item 4 were extracted using Prepfiler Express extraction method. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit by Real Time PCR 7500. Amplification: Item 1 and Item 2 were amplified using AmpFLSTR Identifiler Direct Kit on 9700 GeneAmp PCR System. Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 3 were amplified using AmpFLSTR Yfiler Kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Identifiler Direct PCR products of Item 1 and Item 2 were using Genetic Analyzer 3500xl. Electrophoresis for Identifiler Plus PCR products of Item 3 and Item 4 were using Genetic Analyzer 3500xl. Electrophoresis for Y Filer PCR products of Item 2 and Item 3 were using Genetic Analyzer 3500xl. Quality Control: Reagent blank, positive control and negative control were carried out through analysis and all gave the intended results.
J3E2WY	Reporting results with stutter filters on.
J7L3EP	Y-STR typing only performed for this test. Item 1 Victim Female Known sample was inventoried only and not processed for DNA. There is no interpretation for Victim (Item 1). There is no interpretation for Suspect (Item 2) to Item 4 due to Item 4 being stopped at quant as no male DNA was detected.
J8RXPf	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
JA2QW2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JAPWEF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as being either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JC9EKJ	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.
JK3ENX	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.
JPAWVD	Male Screening was performed on items 3 and 4 using the Plexor HY quantification kit.
JQ7684	Item 4 was also amplified using Minifiler. The Globalfiler and Minifiler results were concordant.
K9WQWY	Reporting results with stutter filters on.
KJ3HUU	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 8

WebCode	Additional Comments
KJH6QN	DYS391 locus was reported as INC for Fusion profiles for all samples as per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions and comparisons.
KNT9LX	Using stutter filters
KQWQZT	DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
KVF8J4	Mitochondrial DNA and Y-STR testing are not performed in this laboratory. Results reported with stutter filters on.
KVK3EQ	[Name] performed biology screening. [Name] performed DNA lab work and interpretation. [Name] performed tech review of the CTS data entry for biology and [Name] performed tech review of the CTS data entry for DNA. Item 3: Confirmatory testing for hemoglobin with HemDirect disclosed the possible presence of blood of probable human origin. The HemDirect test is not considered a confirmatory test for species (it is confirmatory for blood), due to the fact that some upper primates and under some conditions, ferrets, have been reported giving positive results with the HemDirect card. Item 4: Presumptive testing for hemoglobin with Luminol and Phenolphthalein indicated the possible presence of blood. The amylase diffusion test is a presumptive test for the presence of amylase (an enzyme found in body fluids, including saliva).
L2B3TG	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and 4 was extracted using QIAAsymphony DNA Investigator Kit on Qiasymphony Instrument. 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 Globalfiler Express (GFE) Kit on ABI Proflex PCR System. Item 3 and Item 4 were amplified using Globalfiler Casework Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI Geneamp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out during analysis and all gave intended results. NM: Non-male allele.
LBGKBR	# = Allele(s) detected below the stochastic threshold. * = A single peak was detected below the stochastic threshold at a multicopy locus. This locus is considered possibly incomplete and would not be used for comparison/statistical purposes. { } = imbalanced alleles.
LHA23X	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
LL8K3B	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
LPKC3B	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
M6FY7H	Male Screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on Item 3 and Item 4. Item 3: Male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: No male DNA was detected on this item utilizing the Plexor HY Quantification kit.
M73MGW	reporting results with stutter filters on

TABLE 8

WebCode	Additional Comments
MABYB7	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MEUA4M	Y-STR testing was not completed on the victim's known sample (item 1) because the victim's sex is female. Y-STR testing was not completed on the victim's shirt (item 4) because the Autosomal results produced a single source female DNA profile.
MH2KG4	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MV844H	NR = No results
MZ6UMV	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.
N6A4ZG	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit.
N773AU	NR = No Results
N9T8ZZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
NAK9LP	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification Kit on Applied Biosystems 7500 Real-Time PCR Systems. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the AmpFLSTR Identifiler Plus and Yfiler PCR Amplification Kits on Applied Biosystems GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500XL Genetic Analyzer and the data were analyzed with GeneMapper ID-X v1.5 software. Quality control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results.
NBFXUD	Male Screening was performed on items 3 and 4 using the Plexor HY Quantification Kit. Information from the analysis was used to determine the presence of male DNA on item 3. Item 3: Male DNA was detected on this item utilizing the Plexor HY Quantification Kit. Item 4: No Male DNA was detected on this item utilizing the Plexor HY Quantification Kit.
NHC7A6	NR = no results
NHYNLZ	NR = No Results. Blood screening testing was performed by Forensic Biologist. Y-screening testing was performed by a qualified Forensic Biologist and results analyzed by Test Participant DNA Analyst. Globalfiler Express testing was performed by a qualified DNA Analyst and results analyzed by Test Participant DNA Analyst.
NJQZFD	Male screening was performed on item 3 (pos for male DNA) and item 4 (neg for male DNA) using the Plexor HY quantification kit.
NN6BAE	NR is short for No Results.
NQAGWU	Y-screening conducted only. DNA analysis was not performed. Male DNA was indicated on Item 3. Male DNA was not indicated on Item 4.
NUYKU8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
NWUGWE	Extraction: Item 1 and Item 2 extracted using in-situ method. Item 3 and 4 extracted using Chelex method. Quantification: Item 3 and Item 4 quantified using Quantifiler Trio DNA Quantification Kit on QuantStudio 5 Real-Time PCR. Amplification: Item 1 and Item 2 amplified using Globalfiler Express PCR Amplification Kit on Proflex PCR. Item 3 and Item 4 amplified using Globalfiler PCR Amplification Kit on GeneAmp PCR 9700. Item 2 and Item 3 were further amplified using Yfiler PCR Amplification Kit on GeneAmp PCR 9700. Electrophoresis: Item 1, Item 2, Item 3 and Item 4 were run on ABI 3500xL Genetic Analyzer. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave expected results.
NXDFA6	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
P46VYN	Serology only
PN6FHV	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.
PNKUUC	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.
PV2369	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PV4ZQH	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.
PWV4DX	NR = No Results. Item #2 was done with both GlobalFiler and GlobalFiler Express STR DNA amplification kits. The results were concordant.
Q2JURL	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.
Q3JQGP	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.

TABLE 8

WebCode	Additional Comments
QDQDV8	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis.
QMNDXN	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.
QNRQ82	NR = no results
QU6AX9	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.
QYRWZM	1. Extraction: In-situ extraction method was used to extract DNA from Item 1 and Item 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. 2. Quantification: DNA quantification for Item 3 and Item 4 was carried out using Quantifiler Human DNA Quantification Kit with Applied Biosystem Real Time Polymerase Chain Reaction 7500 System. 3. Amplification: Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out on Item 1 and Item 2 using the AmpFISTR Identifiler Direct PCR Amplification Kit, while on Item 3 and Item 4 using the AmpFISTR Identifiler Plus PCR Amplification Kit on the 9700 GeneAmp PCR System. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out on Item 2 and Item 3 using the AmpFISTR Y-Filer PCR Amplification Kit on the 9700 GeneAmp PCR System. 4. Electrophoresis: Electrophoresis was carried out using Applied Biosystem 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Identifiler Direct) and Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out using Applied Biosystem 3500xL Genetic Analyzer with GeneMapper ID-X Software Item 2 and Item 3. 5. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results.
R2WM6G	Y-STR analysis was performed on this proficiency test. Male DNA was not detected on items 1 and 4, therefore Y-STR analysis was not performed on items 1 or 4.
R9NPQU	Human origin, Y-screening, Y-STR, and mitochondrial testing is not currently performed at the [Laboratory].
RB3NGU	NR = No Results
RDRV2Q	Y-STRs performed on this proficiency test cycle. As a result comparisons for the victim (item 1) were not conducted and will be reported as no interpretation. Items 1 and 4 were not processed for Y-STRs per laboratory protocol (item 1 = female standard, item 4 = no male DNA detected with Y-Screen kit). As no male DNA detected on item 4, the suspect is excluded. Y-Screening performed on items 3 and 4. Rapid DNA performed on item 1. NID = No Interpretable data.
RHHA9K	According to [Laboratory] Forensic Biology Interpretation policies, the DYS391 locus in the Fusion kit is reported as INC. Any labeled peaks seen in the questioned stain(s) or item(s) which are likely due to PCR/STR artifacts are not reported or not used for conclusions or comparisons.
RW88RV	NR = No results
RW89CU	NR= No result. NT- Not tested.

TABLE 8

WebCode	Additional Comments
T44J64	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
TBDBD2	NR=No results
TBGFPC	Any labeled peaks seen in questioned stains (items 3 and 4) that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. In regards to PowerPlex Fusion results, DYS391 is reported as "INC" as per [Laboratory]'s interpretation policy.
TF8PZB	For powerplex fusion results, DYS391 is reported as INC, as per our laboratory policy.
TJFXL2	The victim has no interpretations for either item because the victim known was not processed for DNA. This test was used for YSTR testing only and the victim is listed as female. There is no interpretation for the suspect with item 4 because no male DNA was detected in item 4, so it was not amplified or interpreted. This test was used for YSTR testing only.
TP6GLB	No Interpretation
TU7WRK	NR/NE means no results/not expected. NA means not applicable.
TZ3FE3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
U7DGVQ	NR = No Results. Item 3: GlobalFiler and MiniFiler results are concordant. Item 4: GlobalFiler and MiniFiler results are concordant.
U8WUP3	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
UGDR3K	NR/NE means no results/not expected. N/A means not applicable/ not amplified.
UX78MK	NA =not applicable/not amplified. NR/NE= no result/not expected.
V4ZHFN	This proficiency test was administered for Y-STR testing and analysis only. Applicable samples were processed for Y-STRs. Item 1, blood from female victim, was not examined or processed as part of this proficiency test. Y-screening results: Male DNA was indicated on item 3. Male DNA was not indicated on item 4.
VARDZR	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Item Name] (Item 1) and [Laboratory Specific Item Name] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C, 523delA and 524delC.
VEYCQZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VLJAHU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
VQMD4L	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.
VZ9Z4G	We have determined that there is possible degradation and/or inhibition in the evidence samples. We were unable to obtain a full autosomal DNA profile despite trying different extraction methods (magnetic extraction and organic extraction) as well as different sample input volumes during amplification and different injection times.
W2WVYN	NR = No Result
W43D4C	Loci listed as "INC" for items 1.0 and 2.0 are due to possible allelic dropout. Loci listed as "---" for items 1.0 and 2.0 are due to possible allelic dropout and no alleles calling above the Analytical Threshold. SwabSolution extraction method was used for items 1.0 and 2.0 and inhibition was present, possibly due to heme. Multiple re-amplifications were performed to counter inhibition.
W7WFDU	Y-STR DNA interpretation only. All lab processing performed by a different analyst.
W9ERYC	DYS391 location in Fusion is deemed inconclusive per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Length heteroplasmy present in the HVII region for all of the four items tested. Along with Sanger Sequencing, all four of the submitted items were tested with Massive Parallel Sequencing. The mtDNA profiles of the items obtained from MPS are consistent with the profiles obtained from Sanger sequencing, with a few exceptions. Due to the wider ranges of the hypervariable regions HVI and HVII and an additional region for sequencing HVIII, the following additional differences were found for the items: Item 1 - female victim - 309.2 C. Item 2 - male suspect - 357 G, 523 DEL, 524 DEL. Item 3 - questioned stain from suspect's pants - 357 G, 523 DEL, 524 DEL. Item 4 - questioned stain from victim's shirt - 309.2 C.
WBPLMP	reporting results with stutter filters on
WBWZK6	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.
WCW78J	NA = Not Applicable. NR/NE = no result/not expected.
WEBAEH	Exhibit 4: Acid phosphatase test inconclusive due to fabric color
WEPXJP	Reporting results with stutter filters on
WFYXNW	This analyst was not proficient in serology at this time. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
WJDYJV	NR = no DNA typing results
WJWJ8M	Reporting with stutter filters on.

TABLE 8

WebCode	Additional Comments
WMLRUU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
WNDVGA	Peaks modeled as stutter for probabilistic genotyping were not included on the allele table per laboratory policy.
WVQE8F	NR = no results. {} = peak height imbalance.
WXXJ4P	Item 3 was tested in GlobalFiler and MiniFiler. Results are concordant at overlapping loci. NR = No Result.
WZN7TE	Y STR not performed on Victim (Item 1) as individual is female. No Y-STR result on victim's shirt (Item 4).
X3THER	NR = No Results. A qualified Forensic Biologist performed all screening tests listed in Part 1 [Table 1].
XK46CE	DYS391 is reported as INC for all Powerplex Fusion results as per lab policy. Any labeled peaks seen in the stain from victim's shirt are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
XWNA6X	The victim has no interpretation for either item because the victim known was not processed for DNA. This test was used for YSTR testing only, and the victim is listed as female. There is no interpretation for the suspect with item 4 because no male DNA was detected in item 4, so it was not amplified or interpreted. This test was used for YSTR testing only.
Y44CMJ	Y-screening conducted only on items 3 and 4. Male DNA was detected on item 3. Male DNA was not detected on item 4.
Y9YYJT	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
YHHU3Z	**Analysis performed by a DNA Technician; therefore, no interpretation performed.
YRNKWP	NR = No Result
YVQFKX	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
YXHPYL	NR = denotes no results, used at loci DYS391 and Y Indel for Items 1 and 4. 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.
Z2UA6Y	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
Z2UKCH	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 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: Exhibit 1, vWA and allele 19.
Z6WKBU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
Z7ZHDA	[Name] completed the screening part of the exam. [Name] completed the DNA portion of the exam.
ZAW378	Performed only serology and Y-STR testing on samples with male DNA
ZB2GUU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ZC9TL4	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
ZCV6DP	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ZHPYTM	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Item Name] (Item 1) and [Laboratory Specific Item Name] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C, 523delA and 524delC.
ZHWWNK	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.
ZHYGKZ	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.
ZK4RWP	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit.
ZNF37Y	All Items only processed for mtDNA. A serological evaluation was not performed on all items as it is not necessary to determine the method of processing for mtDNA analysis.

TABLE 8

WebCode	Additional Comments
ZTEZQX	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ZTHVM3	Allels 15,17.3 was detected in marker D1S1656 in Item 4, but the peakheight difference was >50%, therefore excluded in our reporting.
ZVNM9N	NR = No Results. Male screen test performed by qualified forensic biologists. Male screen interpreted by reporting analyst. DYS391 concordant between Yfiler Plus and Globalfiler.
ZXVYAY	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.
ZZTUM2	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. 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 GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 21-5705: Forensic Biology

DATA MUST BE SUBMITTED BY **Nov. 8, 2021, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234J

WebCode: 2PVVKR

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

Scenario:

A fatal beating is being investigated by local police involving a mother and step-son. The mother was found in her home unresponsive and badly beaten. The step-son is considered a suspect at this time. Police are submitting to the laboratory a cutting from the pants (Item 3) the suspect was wearing, as well as a cutting from the shirt (Item 4) the victim was wearing. Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

Items Submitted (Sample Pack B5):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from suspect's pants (yellow)

Item 4: Questioned stain from victim's shirt (blue)

Part I: SCREENING TESTS

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

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

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

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

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

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

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

Based on the results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (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"/>	<input type="radio"/>	Yes	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>

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

Part IV: ADDITIONAL COMMENTS

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

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

CTS submits external proficiency test data directly to 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)