



Forensic Biology Test No. 25-5701 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were asked to analyze using their existing protocols. Data were returned from 608 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 and two questioned stains. Participants were asked to analyze these items using their existing protocols.

SAMPLE PREPARATION: Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried into separate envelopes.

SAMPLE PACK ASSEMBLY: One of each item was placed into a pre-labeled sample pack envelope and sealed. The sealed envelopes were then packaged in pre-labeled heat seal envelopes and sealed. Completed sample packs were stored at -20°C until shipment.

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

Item	Known/ Questioned	Substrate	Body Fluid	Volume (Mixture Ratio)	Sex	Donor Information
1	Known	White Fabric	Blood	50 μ L	Female	Victim
2	Known	White Fabric	Blood	50 μ L	Male	Suspect
3	Questioned	Pink Fabric	Blood/ Blood	50 μ L (1:1)	Female/Male	Victim/Suspect
4	Questioned	Green Fabric	Blood	50 μ L	Male	Additional Male

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	11,17.3	17,25	11,11	16,18	10,12	11,11
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16	NM	NM	NM	NM	
2	16,17.3	17,18	14,14	16,16	11,13	12,13
	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17	2	
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	*
	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17	2	
4	16,17.3	17,24	10,10	15,15	11,12	10,11
	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16	2	

YSTR Results									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	13	20	17	22	21	12	11
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	13	20	17	22	21	12	11
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	12	17	16	20	21	11	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

Note: The results provided below are based on a population of at least 10 participants. The nucleotide ranges represent the range tested by a minimum of 75% of participants.

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

Deviations HVR-II, HVR-I

Note: The results provided below are based on a population of at least 10 participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants.

	185.0	263.0	309.1	315.1
ITEM 1	A	G	C	C

	73.0	150.0	185.0	189.0	200.0	263.0	315.1	16185.0	16223.0	16311.0	16327.0
ITEM 2	G	T	A	G	G	G	C	T	T	C	T

	73.0	146.0	153.0	204.0	235.0	263.0	309.1	315.1	16111.0	16213.0	16223.0	16290.0	16319.0	16362.0
ITEM 4	G	C	G	C	G	G	C	C	T	A	T	T	A	C

Summary Comments

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

Data were returned by 608 participants.

Screening Test Results

Screening results for body fluids were returned by a total of 579 participants. However, not all of these participants returned screening results for each fluid type for both questioned items.

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

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

DNA Analysis

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

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

DNA Interpretations

Of the 573 participants that returned DNA results, 567 reported DNA interpretations for one or both questioned stains. Five participants selected the "No Interpretation" option for each conclusion and one stated the samples were analyzed for database purposes only.

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

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

Key for Screening Tests Used

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

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

Serology Screening Results

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

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
222Z9P	Pos KM, RSID	Pos KM
23TXUQ	Pos KM	Pos KM
287QPA	Pos KM	Pos KM
287QQV	Pos KM	Pos KM
28JHGR	Pos PTMB	Pos PTMB
2AAL9D	Pos KM	Pos KM
2AC9YE	Pos PTMB	Pos PTMB
2B63MV	Pos KM	Pos KM
2B9LL8	Pos KM	Pos KM
2ELPZZ	Pos KM	Pos KM
2GPEDW	Pos TMB	Pos TMB
2HP8FV	Pos KM, LMG, RSID	Pos KM, LMG, RSID
2JUVTZ	Pos KM	Pos KM
2LKWXN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
2P9HQQ	Pos KM	Pos KM
2QJ9VA	Pos TMB, HemDirect	Pos TMB, HemDirect
2QWYXD	Pos PTMB	Pos PTMB
2QYRHR	Pos PTMB	Pos PTMB
2RAKJL	Pos ppth, O-tol, HemDirect	Pos ppth, O-tol, HemDirect
2V7CFC	Pos PTMB	Pos PTMB
2VP4DN	Pos TMB	Pos TMB
2WMAYN	Pos PTMB	Pos PTMB
2WMCNT	Pos KM, HemaTrace	Pos KM, HemaTrace
2YTWLF	Pos KM, RSID (HT)	Pos KM, RSID (HT)
32CBD9	Pos TMB, HemDirect	Pos TMB, HemDirect
34G2FG	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
376F4R	Pos TMB, HemDirect	Pos TMB, HemDirect
39YWP2	Pos KM	Pos KM
3B2WKR	Pos KM	Pos KM
3BLPEP	Pos KM	Pos KM
3CCVZU	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3EYHA9	Pos KM	Pos KM
3FD4X6	Pos Pheno	Pos Pheno
3HYN39	Pos LMG	Pos LMG
3JFV9Q	Pos LMG	Pos LMG
3JRKE9	Pos O-tol	Pos O-tol
3MTN4A	Pos O-tol, Seratec HemDirect, Seratec PMB	Pos O-tol, Seratec HemDirect, Seratec PMB
3MVAUB	Pos PTMB	Pos PTMB
3NMGYT	Pos O-tol, HemaTrace	Pos O-tol
3PKJ7X	Pos KM, TMB	Pos KM, TMB
3V4QPB	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
3V8EP2	Pos KM, HemaTrace	Pos KM, HemaTrace
3VQ9PQ	Pos LMG	Pos LMG
3W238X	Pos KM	Pos KM
3XDZG9	Pos TMB, HemDirect	Pos TMB, HemDirect
3YA9RD	Pos KM	Pos KM
3ZYV7L	Pos TMB	Pos TMB
42QYL2	Pos LMG, HemaTrace	Pos LMG, HemaTrace
466URC	Pos KM	Pos KM
467R38	Pos O-tol	Pos O-tol
4CRCVM	Pos KM, RSID	Pos KM
4D3GX6	Pos Pheno	Pos Pheno
4D7WEC	Pos KM	Pos KM
4ETQRR	Pos KM	Pos KM
4F9YZ8	Pos KM	Pos KM
4HXEBN	Pos PTMB	Pos PTMB
4JMP7M	Pos TMB, HemDirect	Pos TMB, HemDirect
4JNH2A	Pos ABACard HemaTrace	Pos ABACard HemaTrace
4KJXFR	Pos KM	Pos KM
4LDJJ7	Pos KM	Pos KM
4LLFXC	Pos KM, HemaTrace	Pos KM, HemaTrace
4N4RDR	Pos KM	Pos KM
4PJ7XV	Pos TMB	Pos TMB
4PVZEV	Pos KM, TMB	Pos KM, TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
4UC3UM	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
4V8KWN	Pos KM, RSID	Pos KM
4WV6NZ	Pos KM, HemaTrace	Pos KM, HemaTrace
62QBL3	Pos KM	Pos KM
63GM7U	Pos KM	Pos KM
63ZMZX	Pos KM, HemaTrace	Pos KM, HemaTrace
64QQXK	Pos PTMB	Pos PTMB
67XXE7	Pos KM	Pos KM
68D3YB	Pos KM	Pos KM
6978BA	Pos TMB	Pos TMB
6AXBV6	Pos KM	Pos KM
6B9WUQ	Pos KM	Pos KM
6BQ876	Pos TMB, HemDirect	Pos TMB, HemDirect
6GDZFJ	Pos KM	Pos KM
6H8NYE	Pos KM	Pos KM
6HB72J	Pos PTMB	Pos PTMB
6JMVBN	Pos KM, RSID	Pos KM
6KFWZY	Pos	Pos
6LU3MN	Pos TMB, HemDirect	Pos TMB, HemDirect
6M7ZYK	Pos PTMB	Pos PTMB
6N2G73	Pos KM	Pos KM
6NXTXA	Pos KM	Pos KM
6PTCZC	Pos KM	Pos KM
6Q3NBL	Pos TMB, HemDirect	Pos TMB, HemDirect
72F6K4	Pos TMB, HemDirect	Pos TMB, HemDirect
73DDV9	Pos KM	Pos KM
74QXNJ	Pos HemaStix (TMB), HemaTrace	Pos HemaStix (TMB), HemaTrace
787GHL	Pos TMB, HEMDIRECT	Pos TMB, HEMDIRECT
78AZGW	Pos KM	Pos KM
794QTQ	Pos KM	Pos KM
7ADTHV	Pos KM	Pos KM
7D9QMT	Pos KM	Pos KM
7H7828	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
7H9UR9	Pos PTMB	Pos PTMB
7HBENP	Pos KM	Pos KM
7JYVC	Pos KM, HemaTrace	Pos KM, HemaTrace
7JZ2WQ	Pos LMG, HemDirect	Pos LMG, HemDirect
7MXB4Y	Pos LMG, HemaTrace	Pos LMG, HemaTrace
7P9ALM	Pos LMG	Pos LMG
7R2ZV9	Pos KM, HemaTrace	Pos KM, HemaTrace
7TRANA	Pos KM	Pos KM
7WNZNT	Pos KM	Pos KM
83T4D8	Pos KM, HemaTrace	Pos KM, HemaTrace
8ACDHV	Pos KM	Pos KM
8FF4BL	Pos PTMB	Pos PTMB
8N9DQX	Pos LMG, HemaTrace	Pos LMG, HemaTrace
8QW7EY	Pos LMG	Pos LMG
8RAHAH	Pos PTMB	Pos PTMB
8XJUBP	Pos KM	Pos KM
8YCPR7	Pos KM	Pos KM
8YURG8	Pos KM, HemaTrace	Pos KM, HemaTrace
8Z89ZZ	Pos LMG	Pos LMG
92RLVM	Pos KM	Pos KM
92UDKH	Pos TMB, HemDirect	Pos TMB, HemDirect
92V7F6	Pos HemaTrace	Pos HemaTrace
94L7X2	Pos Phenolphthalein	Pos Phenolphthalein
96RQGV	Pos KM, HemaTrace	Pos KM, HemaTrace
96VCYG	Pos PTMB	Pos PTMB
97MFQ4	Pos KM	Pos KM
982VYP	Pos TMB	Pos TMB
9AN932	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
9CPPVB	Pos Visual, LMG, ABACard HemaTrace	Pos Visual, LMG, ABACard HemaTrace
9EZDD3	Pos KM	Pos KM
9FC4JK	Pos TMB	Pos TMB
9G7K4U	Pos KM	Pos KM
9G8PCB	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9GJKFV	Pos KM, HemaTrace	Pos KM, HemaTrace
9GPTNH	Pos PTMB	Pos PTMB
9HFWF4	Pos KM	Pos KM
9HHH76	Pos PTMB	Pos PTMB
9L63BA	Pos KM, HemaTrace	Pos KM, HemaTrace
9MV7QM	Pos LMG	Pos LMG
9PX8QK	Pos TMB, HemDirect	Pos TMB, HemDirect
9V7QUJ	Pos PTMB	Pos PTMB
9W36CW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
9WGME3	Pos KM	Pos KM
9Y62PJ	Pos PTMB	Pos PTMB
9YPEP6	Pos KM	Pos KM
9YPMFN	Pos PTMB	Pos PTMB
9Z3966	Pos PTMB	Pos PTMB
9ZGLUM	Pos KM	Pos KM
A2NGTJ	Pos PTMB	Pos PTMB
A2TP3J	Pos LMG	Pos LMG
A4G7B7	Pos KM, HemaTrace	Pos KM, HemaTrace
A6DJXY	Pos KM	Pos KM
A6R9W6	Pos PTMB	Pos PTMB
A76JZP	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
A7HAZ8	Pos KM, HemaTrace	Pos KM, HemaTrace
A8XLN6	Pos KM, HemaTrace	Pos KM, HemaTrace
A9PPAY	Pos KM	Pos KM
AAFY4L	Pos KM	Pos KM
AAHLKY	Pos TMB	Pos TMB
ADM9BX	Pos pheno	Pos pheno
AFBKCEN	Pos TMB	Pos TMB
AJ963E	Pos PTMB	Pos PTMB
AMMMFP	Pos PTMB	Pos PTMB
AMR4EN	Pos LMG, Seratec HemDirect	Pos LMG, Seratec HemDirect
AQDVP6	Pos O-tol	Pos O-tol
AR6XAZ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
AVX3YX	Pos Tetrabasebariumperoxide	Pos Tetrabasebariumperoxide
AXQXT7	Pos KM	Pos KM
AXTL8Q	Pos KM, TMB	Pos KM, TMB
AZX82H	Pos KM	Pos KM
B3JC2D	Pos KM	Pos KM
B3K6QZ	Pos KM	Pos KM
B4AK2G	Pos PTMB	Pos PTMB
B4EV4E	Pos KM	Pos KM
B4XXK3	Pos KM, HemaTrace	Pos KM, HemaTrace
B6PL74	Pos HemaTrace	Pos HemaTrace
B7YVWF	Pos TMB, HemDirect	Pos TMB, HemDirect
BAG6Y2	Pos PTMB	Pos PTMB
BC9Y74	Pos KM, HemaTrace	Pos KM, HemaTrace
BDWLE6	Pos KM	Pos KM
BEDKUN	Pos KM	Pos KM
BGYB8E	Pos TMB (hemastix), HemaTrace	Pos TMB (hemastix), HemaTrace
BKEU2G	Pos TMB, HemDirect	Pos TMB, HemDirect
BKYL3E	Pos TMB, HemaTrace	Pos TMB, HemaTrace
BM6V6J	Pos TMB, HemDirect	Pos TMB, HemDirect
BNYVZN	Pos KM, TMB	Pos KM, TMB
BQPVCC	Pos KM	Pos KM
BQQP2Y	Pos TMB	Pos TMB
BRZP3K	Pos KM	Pos KM
BTBP3L	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
BUNDDZ	Pos LMG	Pos LMG
BVGAPZ	Pos O-tol	Pos O-tol
C2YZQL	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
C4TKTZ	Pos LMG, HT	Pos LMG, HT
C67BTG	Pos LMG	Pos LMG
C8NEGE	Pos PTMB	Pos PTMB
C8VH9Y	Pos KM	Pos KM
C9JXJF	Pos PTMB	Pos PTMB
CCHER3	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
CEM4WW	Pos TMB, HemDirect	Pos TMB, HemDirect
CFKC73	Pos KM	Pos KM
CGEWEV	Pos LMG	Pos LMG
CGRU3C	Pos PTMB	Pos PTMB
CL9YW2	Pos KM	Pos KM
CL9ZYL	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
CNWDLB	Pos KM, HemaTrace	Pos KM
CPR3RD	Pos KM	Pos KM
CQJ78T	Pos LMG	Pos LMG
CX3DWX	Pos TMB, HemDirect	Pos TMB, HemDirect
CXZL83	Pos KM	Pos KM
CY9VXE	Pos PTMB	Pos PTMB
CZ6AFT	Pos LMG	Pos LMG
D2EKVG	Pos KM, HemaTrace	Pos KM, HemaTrace
D2GDR4	Pos KM	Pos KM
D2XLHJ	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
D6GBKW	Pos Hemastix, RSID	Pos Hemastix, RSID
DAN8NH	Pos KM	Pos KM
DB3E8D	Pos TMB, HemDirect	Pos TMB, HemDirect
DEKVCQ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DGTNHC	Pos LMG and HemaTrace	Pos LMG and HemaTrace
DH3RA3	Pos KM	Pos KM
DHK2XN	Pos KM	Pos KM
DJUWLL	Pos KM	Pos KM
DMHEQT	Pos KM	Pos KM
DPMRPF	Pos PTMB	Pos PTMB
DT3GTP	Pos KM HEXAGON OBTI	Pos KM HEXAGON OBTI
DTL88Q	Pos KM	Pos KM
DUHYUA	Pos O-tol	Pos O-tol
DVDGWB	Pos KM	Pos KM
DXUQYG	Pos KM	Pos KM
DXXHNC	Pos TMB	Pos TMB
DZJ3UF	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
E2FQZH	Pos KM	Pos KM
E8ZUYY	Pos PTMB	Pos PTMB
E9ULT6	Pos KM	Pos KM
EAQYDD	Pos TMB, HemDirect	Pos TMB, HemDirect
EDA47V	Pos KM, TMB (Combur)	Pos KM, TMB (Combur)
EEHETC	Pos KM, RSID	Pos KM
EEZEWN	Pos KM	Pos KM
EFDXUD	Pos KM, RSID	Pos KM
EFU48H	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
EL3FBA	Pos KM, RSID-Blood	Pos KM, HemaTrace
ELHNBX	Pos KM	Pos KM
EP3TPM	Pos KM, HemaTrace	Pos KM, HemaTrace
EPHY6C	Pos TMB	Pos TMB
ER7B73	Pos KM	Pos KM
ER9Z9E	Pos TMB	Pos TMB
ERRXGL	Pos KM, TMB	Pos KM, TMB
EWGJBE	Pos PTMB	Pos PTMB
EYAAT2	Pos PTMB	Pos PTMB
EZZFXJ	Pos LMG	Pos LMG
F4A989	Pos PTMB	Pos PTMB
F732EZ	Pos KM, HemaTrace	Pos KM, HemaTrace
F7H7Y6	Pos KM	Pos KM
F8GCFY	Pos KM	Pos KM
FA3FNW	Pos KM	Pos KM
FA62EX	Pos PTMB	Pos PTMB
FCREFN	Pos Hemastix	Pos Hemastix
FFMDCJ	Pos KM	Pos KM
FGLJVY	Pos Hema-Trace	Pos Hema-Trace
FLFFH4	Pos KM	Pos KM
FLT7HM	Pos KM, HemaTrace	Pos KM, HemaTrace
FMPGHW	Pos PTMB	Pos PTMB
FN4U7E	Pos TMB, HemDirect	Pos TMB, HemDirect
FPGFW	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
FPUVAG	Pos O-tol	Pos O-tol
FQDTJM	Pos KM	Pos KM
FVHUDP	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
FXBGJZ	Pos O-tol	Pos O-tol
FZWBFV	Pos KM	Pos KM
G4C3L9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
G8CCWA	Pos PTMB	Pos PTMB
G976NM	Pos KM, HemaTrace	Pos KM, HemaTrace
GDH2HN	Pos KM	Pos KM
GEQDUY	Pos KM	Pos KM
GET28J	Pos O-tol, HemDirect	Pos O-tol, HemDirect
GLDY8C	Pos LMG, HemaTrace	Pos LMG, HemaTrace
GLWRZA	Pos PTMB	Pos PTMB
GNGXZW	Pos KM	Pos KM
GPV3VA	Pos PTMB	Pos PTMB
GR2HHU	Pos KM	Pos KM
GRJQAA	Pos KM	Pos KM
GTAZ2B	Pos PTMB	Pos PTMB
GU24RW	Pos BLUESTAR (luminol)	Pos BLUESTAR (luminol)
GU3PJX	Pos PTMB	Pos PTMB
GU7BEE	Pos KM	Pos KM
GU88GW	Pos PTMB	Pos PTMB
GWA8GU	Pos LMG	Pos LMG
GWUQM2	Pos KM, HemaTrace	Pos KM, HemaTrace
GX7HEH	Pos TMB	Pos TMB
GXQ6AT	Pos KM	Pos KM
GYP6WW	Pos KM, HemaTrace	Pos KM, HemaTrace
H2JNEA	Pos PTMB	Pos PTMB
H2NXPA	Pos KM	Pos KM
H3CEWW	Pos PTMB	Pos PTMB
H4QZ9J	Pos KM	Pos KM
H8CJM9	Pos KM, RSID	Pos KM
HB6U88	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HC34HC	Pos KM, HemDirect card	Pos KM, HemDirect card
HC4ZT8	Pos PTMB	Pos PTMB
HCFU98	Pos PTMB	Pos PTMB
HCK6B7	Pos KM	Pos KM
HDT89X	Pos KM	Pos KM
HDYHZZ	Pos Hem-Check	Pos Hem-Check
HE6748	Pos LMG, HemaTrace	Pos LMG, HemaTrace
HGTH6X	Pos LMG	Pos LMG
HHM9BC	Pos KM	Pos KM
HHN27Y	Pos	Pos
HJHT2X	Pos KM	Pos KM
HMJPPR	Pos TMB, HemDirect	Pos TMB, HemDirect
HTPJL9	Pos PTMB	Pos PTMB
HU6VA6	Pos red color, HemDirect	Pos dark red color, HemDirect
HUFMCU	Pos KM	Pos KM
HUH93V	Pos PTMB	Pos PTMB
HVFMFF	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
HW9HWH	Pos KM	Pos KM
HWADH9	Pos TMB	Pos TMB
HWQEMC	Pos LMG	Pos LMG
HZ9R6Y	Pos KM, HemaTrace	Pos KM, HemaTrace
J3AEXT	Pos O-tol, Seratec Hemdirect	Pos O-tol, Seratec Hemdirect
J3B2NU	Pos PTMB	Pos PTMB
J438TC	Pos O-tol	Pos O-tol
J6ZBZG	Pos KM, TMB	Pos KM, TMB
J7AF4H	Pos KM; HemaTrace	Pos KM; HemaTrace
J9YLWG	Pos TMB, KM	Pos TMB, KM
JACCUC	Pos KM	Pos KM
JEPV7E	Pos HemaTrace	Pos HemaTrace
JJTBC2	Pos KM	Pos KM
JJWTE7	Pos PTMB	Pos PTMB
JLK6FX	Pos KM	Pos KM
JLLTTH	Pos HemaTrace, KM	Pos HemaTrace, KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
JLLYUW	Pos KM, HemaTrace	Pos KM, HemaTrace
JMFPZC	Pos LMG	Pos LMG
JNPP6J	Pos KM	Pos KM
JTJKYQ	Pos KM	Pos KM
JUGYMJ	Pos KM	Pos KM
JUWCY8	Pos KM, RSID	Pos KM
JXG3FQ	Pos KM, TMB (Combur)	Pos KM, TMB (Combur)
JYBWUM	Pos KM, HemaTrace	Pos KM, HemaTrace
JZ23FR	Pos KM	Pos KM
K4FYJ9	Pos TMB, HemDirect	Pos TMB, HemDirect
K6BHLA	Pos TMB	Pos TMB
K9R38P	Pos TMB, HemDirect	Pos TMB, HemDirect
KAPBHU	Pos KM	Pos KM
KBJUQM	Pos KM	Pos KM
KCT3LF	Pos KM, TMB	Pos KM, TMB
KJANE6	Pos TMB, HemDirect	Pos TMB, HemDirect
KK3CXZ	Pos KM	Pos KM
KK7WPA	Pos KM	Pos KM
KLLAD7	Pos KM, RSID	Pos KM
KMV9K9	Pos TMB	Pos TMB
KP7ZVQ	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
KPLJG9	Pos LMG	Pos LMG, HemaTrace
KQBRKH	Pos KM	Pos KM
KRQZUQ	Pos KM	Pos KM
KTFHPC	Pos KM, HemaTrace	Pos KM, HemaTrace
KTJ8RN	Pos KM	Pos KM
L2QACZ	Pos KM	Pos KM
L3NCQ6	Pos KM, RSID	Pos KM
L4XF39	Pos LMG	Pos LMG
L6BVHG	Pos KM, HemaTrace	Pos KM, HemaTrace
L76KUB	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
LA34UN	Pos TMB	Pos TMB
LBGJAB	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LC72ZA	Pos O-tol	Pos O-tol
LD448E	Pos KM, TMB	Pos KM, TMB
LD6XXK	Pos KM	Pos KM
LFBHV8	Pos LMG	Pos LMG
LHDHPD	Pos TMB	Pos TMB
LHWAMP	Pos TMB	Pos TMB
LJUH XU	Pos KM	Pos KM
LQNMNA	Pos KM	Pos KM
LQREE6	Pos TMB, HemDirect	Pos TMB, HemDirect
LT2A9A	Pos LMG	Pos LMG
LU9GLB	Pos KM	Pos KM
LUAK28	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LW2HM8	Pos LMG	Pos LMG
LXPXUU	Pos KM, HemaTrace	Pos KM, HemaTrace
M7CJ2P	Pos Bluestar Obti	Pos Bluestar Obti
M7E7RQ	Pos PTMB	Pos PTMB
M8CK4A	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
MA3F4C	Pos TMB	Pos TMB
MC3YQW	Pos KM	Pos KM
MFMLPB	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
MGVEM	Pos TMB, HemDirect	Pos TMB, HemDirect
MNW6XN	Pos LMG	Pos LMG
MPTHKG	Pos KM	Pos KM
MQ3L66	Pos KM, RSID	Pos KM
MTUM98	Pos LMG	Pos LMG
MULQT2	Pos PTMB	Pos PTMB
MVKNCA	Pos PTMB; HemDirect	Pos PTMB; HemDirect
MWVQX9	Pos KM	Pos KM
MYHEA9	Pos KM	Pos KM
MYJ6MJ	Pos KM	Pos KM
N2LCEA	Pos LMG, Seratec HemDirect	Pos LMG, Seratec HemDirect
N2X9LZ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
N3VE8Z	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
N4RW6V	Pos KM	Pos KM
N62Y4N	Pos LMG, HemaTrace	Pos LMG, HemaTrace
N7CW9H	Pos LMG	Pos LMG
NB9B8Z	Pos KM	Pos KM
NCJADH	Pos KM, HemaTrace	Pos KM, HemaTrace
NFHKAH	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
NH9PVM	Pos KM	Pos KM
NHQRP3	Pos KM, RSID Blood	Pos KM
NKDF23	Pos PTMB	Pos PTMB
NKUQPN	Pos PTMB	Pos PTMB
NXK9P9	Pos O-tol	Pos O-tol
P4NHJ8	Pos KM, HemaTrace	Pos KM, HemaTrace
P6HDZP	Pos KM	Pos KM
P7T8V4	Pos LMG	Pos LMG
P9HFYD	Pos KM	Pos KM
PCCKC3	Pos TMB, HemDirect	Pos TMB, HemDirect
PDAVAQ	Pos LMG	Pos LMG
PE3N7A	Pos KM	Pos KM
PJ2282	Pos PTMB	Pos PTMB
PJC2YG	Pos KM	Pos KM
PJFMG4	Pos PTMB	Pos PTMB
PJVTYE	Pos KM, HemaTrace	Pos KM, HemaTrace
PKBXV7	Pos KM	Pos KM, HemaTrace
PKR6YN	Pos KM, HemDirect	Pos KM, HemDirect
PLLV63	Pos TMB, Hemedirect	Pos TMB, Hemedirect
PLYJ49	Pos LMG	Pos LMG
PM4N6R	Pos Phenolphthalein	Pos Phenolphthalein
PP37YD	Pos KM	Pos KM
PQGTCL	Pos KM	Pos KM
PQUBDQ	Pos KM	Pos KM
PTZZEE	Pos KM, HemaTrace	Pos KM, HemaTrace
PXKHAT	Pos KM, HemaTrace	Pos KM, HemaTrace
PYCLP7	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PYUK44	Pos LMG	Pos LMG
Q2RPQN	Pos PTMB	Pos PTMB
Q39H8K	Pos KM, HemaTrace	Pos KM, HemaTrace
Q7P4MX	Pos TMB, HemaTrace	Pos TMB, HemaTrace
Q87ZEX	Pos KM	Pos KM
Q8ZY2B	Pos KM	Pos KM
QAAU8N	Pos KM, HemaTrace	Pos KM, HemaTrace
QBXFGQ	Pos HemaTrace	Pos KM
QCCWPC	Pos Hemastix	Pos Hemastix
QE3X2Z	Pos KM, RSID	Pos KM
QJE2MN	Pos KM, HemaTrace	Pos KM, HemaTrace
QKM4KF	Pos KM	Pos KM
QKT97K	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
QPWG3E	Pos LMG, HemaTrace	Pos LMG, HemaTrace
QRKY87	Pos PTMB	Pos PTMB
QT24KP	Pos KM, HemaTrace	Pos KM, HemaTrace
QTKQGL	Pos KM	Pos KM
QVQB78	Pos TMB	Pos TMB
QXFE9Z	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
R2P4YM	Pos HemaTrace ABACard	Pos HemaTrace ABACard
R34J89	Pos KM, TMB	Pos KM, TMB
R697UY	Pos KM, RSID	Pos KM
R7KTKZ	Pos PTMB	Pos PTMB
R9R9NC	Pos KM, HemaTrace	Pos KM, HemaTrace
RBV9MW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RDGRT2	Pos TMB, HemDirect	Pos TMB, HemDirect
RDL7EN	Pos KM, HemaTrace	Pos KM, HemaTrace
RG2TQ9	Pos KM	Pos KM
RU9PY3	Pos KM, HemDirect	Pos KM, HemDirect
RUAM6R	Pos KM, HemaTrace	Pos KM
RW2FFP	Pos KM, HemaTrace	Pos KM, HemaTrace
RXUA47	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
T3YRF4	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
T6PNF7	Pos TMB	Pos TMB
T7WCG3	Pos KM	Pos KM
T8P6BZ	Pos TMB	Pos TMB
TD3WMZ	Pos LMG	Pos LMG
TKE2F6	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
TLAEE7	Pos TMB	Pos TMB
TQ6CQ3	Pos KM	Pos KM
TRYWTG	Pos Pheno	Pos Pheno
TTP7M4	Pos O-tol, ABACard HemaTrace	Pos O-tol, ABACard HemaTrace
TWUVRX	Pos TMB, HemDirect	Pos TMB, HemDirect
TYGHKZ	Pos KM	Pos KM
TYVYGY	Pos TMB, HemDirect	Pos TMB, HemDirect
TZELFG	Pos TMB	Pos TMB
U4MLRY	Pos PTMB	Pos PTMB
U62XPJ	Pos KM, HemaTrace	Pos KM, HemaTrace
U63PLQ	Pos KM, HemaTrace	Pos KM, HemaTrace
U6KT8K	Pos PTMB	Pos PTMB
U7DPHK	Pos KM	Pos KM
U7FBAL	Pos PTMB	Pos PTMB
U96HV4	Pos KM	Pos KM
UBBZ2Y	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UE68WT	Pos KM	Pos KM
UERLKL	Pos Pheno	Pos Pheno
UG29JZ	Pos LMG	Pos LMG
UK2K8X	Pos KM, RSID	Pos KM
UL79K3	Pos KM	Pos KM
ULN9JX	Pos PTMB	Pos PTMB
UNVQB2	Pos HTR, O-tol	Pos O-tol
UPUM9C	Pos LMG	Pos LMG
UQ339H	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UUPEJU	Pos HemeDirect	Pos HemeDirect
UX4BMB	Pos KM	Pos KM
UYUFB3	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
V2DV3V	Pos PTMB	Pos PTMB
V2H76T	Pos KM	Pos KM
V3AAK9	Pos RSID-Blood	Pos RSID-Blood
V8L2ZL	Pos TMB	Pos TMB
VATEVG	Pos KM	Pos KM
VGCKGF	Pos TMB, HemDirect	Pos TMB, HemDirect
VKQFYY	Pos KM	Pos KM
VMGN39	Pos KM, HemaTrace	Pos KM, HemaTrace
VNPVGA	Pos LMG	Pos LMG
VPHKR3	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
VQYUQV	Pos KM, RSID	Pos KM, RSID
VRD6UG	Pos LMG, HT	Pos LMG, HT
VUFWXZ	Pos KM	Pos KM
VVCJ7X	Pos PTMB	Pos PTMB
VW6ANK	Pos KM, HemaTrace	Pos KM, HemaTrace
VWMHCF	Pos LMG	Pos LMG
VWNA93	Pos TMB	Pos TMB
VXVFT3	Pos LMG, HemDirect	Pos LMG, HemDirect
W4X32H	Pos KM	Pos KM
W6DENU	Pos KM, RSID	Pos KM
W9BWXU	Pos KM	Pos KM
WAMHLA	Pos Hemophan, FOB	Pos Hemophan, FOB
WBYD6G	Pos PTMB	Pos PTMB
WCDN7F	Pos KM	Pos KM
WFRJQJ	Pos KM	Pos KM
WFU864	Pos KM, HemaTrace	Pos KM, HemaTrace
WJW4UX	Pos KM, HemaTrace	Pos KM
WMCFQE	Pos LMG	Pos LMG
WPKLBU	Pos KM	Pos KM
WQF66U	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
WT2X8B	Pos Pheno	Pos Pheno
WUA6A4	Pos KM, HemaTrace	Pos KM, HemaTrace
WV4473	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
WXAG74	Pos KM, HemaTrace	Pos KM, HemaTrace
X2AQZQ	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
X2TVA6	Pos KM	Pos KM
X97MNU	Pos PTMB	Pos PTMB
XBGL4W	Pos LMG	Pos LMG
XG64JT	Pos KM, RSID	Pos KM
XJ6NXD	Pos TMB, HemDirect	Pos TMB, HemDirect
XK2W9H	Pos KM	Pos KM
XPC7BY	Pos KM, HemaTrace	Pos KM, HemaTrace
Y27J9B	Pos Phenolphthalein	Pos Phenolphthalein
Y664WF	Pos ABACard HemaTrace	Pos ABACard HemaTrace
Y72JBX	Pos KM	Pos KM
Y7DFN4	Pos KM, HemaTrace	Pos KM, HemaTrace
Y7GZ7Q	Pos PTMB	Pos PTMB
YBX3N4	Pos Hemastix	Pos Hemastix
YCN84H	Pos KM	Pos KM
YFNGA6	Pos KM, HemaTrace	Pos KM, HemaTrace
YHQJZE	Pos HemaTrace	Pos HemaTrace
YHT6QF	Pos PTMB	Pos PTMB
YLRFMF	Pos PTMB	Pos PTMB
YN3ETV	Pos LMG	Pos LMG
YRJN8A	Pos KM	Pos KM
YYFQVR	Pos TMB	Pos TMB
Z489L4	Pos OBTI	Pos OBTI
Z6XCJP	Pos PTMB	Pos PTMB
Z89AQ8	Pos KM	Pos KM
Z9LNLF	Pos KM	Pos KM
Z9NCYZ	Pos KM, HemaTrace	Pos KM, HemaTrace
Z9ZCUA	Pos KM	Pos KM
ZAWPG3	Pos KM	Pos KM
ZDWXMX	Pos O-tol	Pos O-tol
ZEPWJV	Pos O-tol	Pos HemaTrace
ZHPZPC	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ZHTDGE	Pos KM, HemaTrace	Pos KM, HemaTrace
ZJZV6M	Pos KM	Pos KM
ZLCDPT	Pos KM, RSID	Pos KM, RSID
ZMEKGJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZP8G4R	Pos TMB, HemDirect	Pos TMB, HemDirect
ZQ3Y6U	Pos TMB	Pos TMB
ZQGG7E	Pos KM	Pos KM
ZRU3WV	Pos KM	Pos KM
ZTBZE8	Pos KM	Pos KM
ZUMT7F	Pos KM	Pos KM
ZVGNLW	Pos KM	Pos KM
ZYBLZF	Pos KM	Pos KM
ZYDBDZ	Pos KM, HemaTrace	Pos KM, HemaTrace

Table 1a: Serology Screening Response Summary - Blood			Participants: 572
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	572	572	
Negative	0	0	
Inconclusive	0	0	

Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
28JHGR	NT	Neg AP
2B9LL8	Neg AP	Neg AP
2GPEDW	Neg AP	Neg AP
2HP8FV	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
2JUVTZ	Neg AP, Micro	Neg AP, Micro
2LKWXN	Neg AP, Micro, PSA	Neg AP, Micro, PSA
2P9HQQ	Neg AP	Neg AP
2QWYXD	NT	Neg AP
2QYRHR	NT	Neg AP
2RAKJL	Neg AP	Neg AP
2V7CFC	Neg ALS, AP	Neg ALS, AP
2WMAYN	NT	Neg AP
2WMCNT	Neg AP	Neg AP
2YTWLF	Neg AP	Neg AP
34G2FG	Neg Visual, ALS, AP, Micro, p30	Neg Visual, ALS, AP, Micro, p30
3FD4X6	Neg BCIP	Neg BCIP
3HYN39	Neg AP	Neg AP
3MTN4A	Neg AP	Neg AP
3NMGYT		Neg AP
3PKJ7X	Neg AP	Neg AP
3V4QPB	Neg AP	Neg AP
3W238X	Neg AP, Micro	Neg AP, Micro
3YA9RD	Neg ALS, AP	Neg ALS, AP
4D7WEC	Neg BCIP	Neg BCIP
4ETQRR	Neg ALS, PSA	Neg ALS, PSA
4F9YZ8	Neg ALS, AP	Neg ALS, AP
4HXEBN	NT	Neg AP
4LDJJ7	Neg AP	Neg AP
4LLFXC	Neg AP, PSA, Micro	Neg AP, PSA, Micro
4N4RDR	Neg ALS, Micro, PSA	Neg ALS, PSA
4PJ7XV	Neg AP	Neg AP
4PVZEV	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
4WV6NZ	Neg AP	Neg AP
62QBL3	Neg BCIP	Neg BCIP
63ZMZX	Neg AP	Neg AP
64QQXK	Neg AP	Neg AP
68D3YB	Neg ALS, AP	Neg ALS, AP
6978BA	Neg ALS, AP	Neg ALS, AP
6H8NYE	Neg AP, Micro	Neg AP, Micro
6HB72J	NT	Neg AP
6KFWZY	Neg	Neg
6M7ZYK	Neg AP	Neg AP
6NXTXA	Neg ALS, AP	Neg ALS, AP
6PTCZC	Neg ALS, AP	Neg ALS, AP
73DDV9	Neg ALS, AP	Neg ALS, AP
74QXNJ	Neg ALS, AP	Neg ALS, AP
78AZGW	Neg ALS, AP	Neg ALS, AP
7ADTHV	Pos ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
7D9QMT	Neg AP, Micro	Neg AP, Micro
7H7828	Neg AP, PSA	Neg AP, PSA
7HBENP	Neg AP, Micro & PSA	Neg AP, Micro & PSA
7JYVC	Neg AP, PSA	Neg AP, PSA
7JZ2WQ	Neg ALS, AP	Neg ALS, AP
7MXB4Y	Neg AP, PSA, Micro	Neg AP, PSA, Micro
7P332R	Neg AP	Neg AP
7R2ZV9	Neg AP, PSA, Micro	Neg AP, PSA, Micro
7TRANA	Neg ALS, AP	Neg ALS, AP
7WNZNT	Neg AP, Micro	Neg AP, Micro
83T4D8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
8FF4BL	Neg AP	Neg AP
8QW7EY		Neg AP
8RAHAH	NT	Neg AP
8YCPR7	Neg ALS, AP	Neg ALS, AP
8YURG8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
8Z89ZZ	Neg ALS, AP	Neg ALS, AP
92UDKH	Neg AP, Micro, PSA	Neg AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
94L7X2	Neg ALS, AP	Neg ALS, AP
96RQGV	Neg AP	Neg AP
982VYP	Neg AP	Neg AP
9AN932	Neg AP, PSA	Neg AP, PSA
9CPPVB	NT	Neg ALS, AP, Micro, ABACard p30
9GPTNH	Neg AP	Neg AP
9HFWF4	Neg AP	Neg AP
9HHH76	NT	Neg AP
9L63BA	Neg AP	Neg AP
9MV7QM	Neg AP	Neg AP
9V7QUJ	Neg AP	Neg AP
9W36CW	Neg AP, PSA, Micro	Neg AP, PSA, Micro
9WGME3	Neg ALS, AP	Neg ALS, AP
9Y62PJ	Neg AP	Neg AP
9YPMFN	Neg AP	Neg AP
A2NGTJ	NT	Neg AP
A6DJXY	Neg BCIP	Neg BCIP
A6R9W6	Neg AP	Neg AP
A76JZP	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
A7HAZ8	Neg AP, p30	Neg AP, p30
A8XLN6	Neg AP, PSA, Micro	Neg AP, PSA, Micro
AAFY4L	Neg PSA	Neg PSA
ADM9BX	Neg BCIP	Neg BCIP
AFBKCEN	Neg AP, Micro	Neg AP, Micro
AJ963E	Neg AP	Neg AP
AMR4EN	Neg ALS, AP	Neg ALS, AP
AQDVP6	Neg AP	Neg AP
AVX3YX	Neg AP	Neg AP
AXQXT7	Neg AP, ALS	Neg AP, ALS
AXTL8Q	Neg AP	Neg AP
B4AK2G	Neg AP	Neg AP
B4EV4E	Neg ALS, AP, Micro	Neg ALS, AP, Micro
B4XXK3	Neg AP, PSA, Micro	Neg AP, PSA, Micro
B6PL74	Neg p30	Neg p30

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
BC9Y74	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BGYB8E	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
BKYL3E	Neg AP, PSA	Neg AP, PSA
BNYVZN	Neg AP, PSA, Micro	Neg AP
BQPVCC	Neg AP, Micro	Neg AP, Micro
BRZP3K	Neg ALS, PSA, Micro	Neg ALS, PSA, Micro
BTBP3L	Neg ALS, PSA, Micro	Neg ALS, PSA, Micro
BUNDDZ	Neg AP	Neg AP
C2YZQL	Neg PSA	Neg PSA
C8NEGE	Neg AP	Neg AP
C8VH9Y	Neg ALS, AP	Neg ALS, AP
C9JXJF	Neg AP	Neg AP
CFKC73	Neg AP, ALS	Neg AP, ALS
CGRU3C	NT	Neg AP
CL9YW2	Neg PSA	Pos PSA
CL9ZYL	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
CPR3RD	Neg ALS, AP, Micro	Neg ALS, AP, Micro
CQJ78T	Neg AP, PSA, Micro	Neg AP, PSA, Micro
CXZL83	Neg ALS, AP	Neg ALS, AP
CY9VXE	Neg AP	Neg AP
CZ6AFT	NT	Neg AP
D2EKVG	Neg AP, Micro, PSA	Neg AP, Micro, PSA
D2XLHJ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
D6GBKW	Neg ALS, AP	Neg ALS, AP
DGTNHC	Neg AP, Micro, and PSA	Neg AP, Micro, and PSA
DH3RA3	Neg ALS, AP	Neg ALS, AP
DJUWLL	Neg AP	Neg AP
DMHEQT	Neg AP, Micro	Neg AP, Micro
DPMRPF	Neg AP	Neg AP
DT3GTP	Neg AP, PSA	Neg AP, PSA
DTL88Q	Neg AP, ALS	Neg AP, ALS
DUHYUA	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
E8ZUYY	Neg AP	Neg AP
E9ULT6	Neg AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
EDA47V	Neg AP, PSA	Neg AP, PSA
EFU48H	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
EP3TPM	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
EPHY6C	Neg AP	Neg AP
ERRXGL	Neg AP	Neg AP
EWGJBE	Neg AP	Neg AP
EYAAT2	NT	Neg AP
EZZFXJ	Neg ALS, AP	Neg ALS, AP
F4A989	Neg AP	Neg AP
F732EZ		Neg AP, PSA, Micro
F7H7Y6	NT	Neg AP, Micro
FA3FNW	Neg PSA	Neg PSA
FCREFN	NT	Neg Brentamine
FFMDCJ	Neg AP, Micro	Neg AP, Micro
FGLJVY	Neg p30	Neg p30
FLFFH4	Neg AP	Neg AP
FLT7HM	NT	Neg AP
FMPGHW	Neg AP	Neg AP
FPGFVW	Neg AP	Neg AP
FPUVAG	NT	Neg ap
FVHUDP	Neg AP	Neg AP
FXBGJZ	Neg AP	Neg AP
FZWBVF	Neg Micro, ALS, PSA	Neg Micro, ALS, PSA
G4C3L9	Neg AP, Micro, PSA	Neg AP, Micro, PSA
G8CCWA	NT	Neg AP
G976NM	Neg AP only, no further testing	Neg AP only, no further testing
GEQDUY	Neg AP, ALS	Neg AP, ALS
GET28J	Neg AP, PSA	Neg AP, PSA
GLWRZA	NT	Neg AP
GNGXZW	Neg AP, ALS	Neg AP, ALS
GPV3VA	Neg AP	Neg AP
GTAZ2B	Neg AP	Neg AP
GU24RW	Neg AP	Neg AP
GU3PJX	Neg AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
GU7BEE	Neg AP, PSA, Micro	Neg AP, PSA, Micro
GU88GW	Neg AP	Neg AP, Micro, p30
GWA8GU	Neg AP	Neg AP
GWUQM2	Neg AP, PSA	Neg AP, PSA
GX7HEH	Neg AP	Neg AP
GXQ6AT	Neg AP	Neg AP
GYK6WW	Neg AP, PSA, Micro	Neg AP, PSA, Micro
H2JNEA	Neg AP	Neg AP
H8CJM9	NT	Neg AP
HC34HC	Neg AP, Micro, PSA card	Neg AP, Micro, PSA card
HC4ZT8	Neg AP	Neg AP
HCFU98	Neg AP	Neg AP
HE6748	Neg AP, Micro, PSA	Neg AP, Micro, PSA,
HGTH6X	Neg AP	Neg AP
HHN27Y	Neg	Neg
HJHT2X	Neg AP	Neg AP
HTPJL9	Neg AP	Neg AP
HU6VA6	Neg AP, ALS	Neg AP, ALS
HUFMCU	Neg PSA	Neg PSA
HUH93V	Neg AP	Neg AP
HVFMEF	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
HW9HWH	Neg AP, Micro	Neg AP, Micro
HZ9R6Y	Neg BCIP	Neg BCIP
J3AEXT	Neg AP	Neg AP
J3B2NU	Neg AP	Neg AP
J438TC	Neg PSA, AP	Neg PSA, AP
J6ZBZG	Neg AP	Neg AP
J7AF4H	Neg AP; PSA; Micro	Neg AP; PSA; Micro
J9YLWG	Neg AP	Neg AP
JACCUC	Neg AP, PSA, Micro	Neg AP, PSA, Micro
JJWTE7	Neg AP	Neg AP
JLK6FX	Neg ALS, AP	Neg ALS, AP
JLLTTH	Neg PSA, Micro	Neg PSA, Micro
JLLYUW	Neg BCIP	Neg BCIP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
JMFPZC	Neg AP	Neg AP
JNPP6J	Neg AP, Micro	Neg AP, Micro
JTJKYQ	Neg BCIP	Neg BCIP
JXG3FQ	Neg AP, PSA	Neg AP, PSA
JYBWUM	Neg AP	Neg AP
KAPBHU	Neg AP, ALS	Neg AP, ALS
KBJUQM	Neg AP, Micro	Neg AP, Micro
KCT3LF	Neg AP	Neg AP
KJANE6	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
KP7ZVQ	Neg AP, PSA	Neg AP, PSA
KPLJG9	Neg AP	Neg ALS, AP, PSA, Micro
KTFHPC	Neg AP, RSID-Semen, Slide	Neg AP, RSID-Semen, Slide
KTJ8RN	Neg AP	Neg AP
L6BVHG	NT	Neg AP
L76KUB	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
LC72ZA	Neg AP	NT
LD448E	Neg AP	Neg AP
LHDHPD	Neg AP	Neg AP
LJUH XU	Neg ALS, AP	Neg ALS, AP
LU9GLB	Neg PSA, ALS	Neg PSA, ALS
LXPXUU	Neg PSA	Neg PSA
M7CJ2P	Neg PSA	Neg PSA
M8CK4A	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
MA3F4C	Neg AP, Micro	Neg AP, Micro
MC3YQW	Neg AP, Micro	Neg AP, Micro
MFMLPB	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
MNW6XN	Neg AP	Neg AP
MPTHKG	Neg AP, p30	Neg AP, p30
MULQT2	Neg AP	Neg AP
MVKNCA	NT	Neg ALS; AP
N2LCEA	Neg ALS, AP	Neg ALS, AP
N2X9LZ	Neg AP, Micro, PSA	Neg AP, Micro, PSA
N3VE8Z	Neg AP	Neg AP
N4RW6V	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
N7CW9H	NT	Neg ALS, AP
NH9PVM	Neg AP	Neg AP
NHQRP3	NT	Neg AP
P6HDZP	Neg ALS, AP	Neg ALS, AP
PCCKC3	Neg AP, Micro, PSA	Neg AP, Micro, PSA
PDAVAQ	Neg AP	Neg AP
PE3N7A	Neg AP, Micro	Neg AP, Micro
PJ2282	Neg AP	Neg AP
PJFMG4	Neg AP	Neg AP
PJVTYE	Neg AP, p30, Microscopy	Neg AP, p30, Microscopy
PLLV63	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
PLYJ49	Neg ALS, AP	Neg ALS, AP
PM4N6R	Neg BCIP	Neg BCIP
PTZZEE	Neg AP	Neg AP
PXKHAT	Neg AP	Neg AP
PYCLP7	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
Q2RPQN	Neg AP	Neg AP
Q7P4MX	Neg AP, p30	Neg AP, p30
Q8ZY2B	Neg AP, Micro	Neg AP, Micro
QAAU8N	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QBXFGQ	Neg BCIP	Neg BCIP
QCCWPC		Neg Brentamine
QJE2MN	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QKT97K	Neg AP, PSA	Neg AP, PSA
QPWG3E	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QRKY87	Neg AP	Neg AP
QT24KP	Neg AP	Neg AP
QVQB78	Neg AP	Neg AP
R34J89	Neg AP	Neg AP
R7KTKZ	Neg AP	Neg AP
R9R9NC	NT	Neg AP
RBV9MW	Neg AP, PSA, Micro	Neg AP, PSA, Micro
RDGRT2	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
RG2TQ9	Neg ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RU9PY3	Neg ALS, AP, Micro	Neg ALS, AP, Micro
RUAM6R	NT	Neg AP, Micro
RXUA47	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
T3YRF4	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
T6PNF7	Neg AP	Neg AP
TKE2F6	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
TLAEE7	Neg AP	Neg AP
TRYWTG	Neg ALS, BCIP	Neg ALS, BCIP
TYGHKZ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
TYVGY	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
U4MLRY	Neg AP	Neg AP
U62XPJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
U63PLQ	Neg PSA30	Neg PSA30
U6KT8K	Neg AP	Neg AP
U7FBAL	NT	Neg AP, Micro
U96HV4	NT	Neg ALS, Micro, p30
UERLKL	Neg AP	Neg AP
ULN9JX	Neg AP	Neg AP
UPUM9C	Neg ALS, AP	Neg ALS, AP
UUPEJU	Neg AP, PSA	Neg AP, PSA
UX4BMB	Neg ALS, AP	Neg ALS, AP
UYUFB3	Neg ALS, Micro, PSA	Neg ALS, Micro, PSA
V2DV3V	NT	Neg AP
V3AAK9	Neg RSID-Semen	Neg RSID-Semen
VMGN39	Neg ALS, AP, Micro	Neg ALS, AP, Micro
VQYUQV	Neg AP	Neg AP
VRD6UG	Neg ALS, AP, PSA	Neg ALS, AP, PSA
WVCJ7X	Neg AP	Neg AP
VW6ANK	Neg AP	Neg AP
VWMHCF	Neg AP	Neg AP
VWNA93	Neg AP	Neg AP
VXVFT3	Neg ALS, AP	Neg ALS, AP
W4X32H	Neg AP, ALS	Neg AP, ALS
W9BWXU	NT	Neg AP, ALS

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
WAMHLA	Neg AP, RSID Semen, PSA	Neg AP, RSID Semen, PSA
WBYD6G	Neg AP	Neg AP
WFRJQJ	Neg AP, ALS	Neg AP, ALS
WFU864	Neg PSA, Micro	Neg PSA, Micro
WMCFQE	Neg AP	Neg AP
WXAG74	Neg AP	Neg AP
X97MNU	Neg AP	Neg AP
XG64JT	Neg AP	Neg AP
XK2W9H	Neg ALS, AP	Neg ALS, AP
XPC7BY	Neg AP	Neg AP
Y27J9B	Neg BCIP	Neg BCIP
Y664WF	Neg ABACard p30	Neg ABACard p30
Y7DFN4	NT	Neg AP
YBX3N4	NT	Neg Brentamine
YCN84H	Neg AP	Neg AP
YFNGA6	NT	Neg AP
YHT6QF	Neg AP	Neg AP
YLRFMF	Neg AP	Neg AP
YRJN8A	Neg BCIP	Neg BCIP
YYFQVR	Neg AP	Neg AP
Z489L4	Neg RSID	Neg RSID
Z6XCJP	Neg AP	Neg AP
Z89AQ8	Neg ALS, BCIP	Neg ALS, BCIP
Z9LNLF	Neg ALS, AP	Neg ALS, AP
Z9NCYZ	Neg PSA, Micro	Neg PSA, Micro
Z9ZCUA	Neg ALS, AP	Neg ALS, AP
ZAWPG3	Neg AP	Neg AP
ZDWXMX	Neg AP	Neg AP
ZEPWJV		Neg AP
ZHTDGE	Neg AP, Micro, PSA	Neg AP, Micro, PSA
ZMEKGJ	NT	Neg ALS, Micro, AP, PSA
ZP8G4R	Neg AP, Micro, PSA	Neg AP, Micro, PSA
ZQGG7E	Neg ALS, AP	Neg ALS, AP
ZRU3WV	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZTBZE8	Neg ALS, AP, Micro	Neg ALS, AP, Micro
ZUMT7F	Neg BCIP	Neg BCIP
ZVGNLW	NT	Neg ALS, Micro, PSA
ZYBLZF	Neg ALS, AP	Neg ALS, AP
ZYDBDZ	Neg PSA, Micro	Neg PSA, Micro

Table 1b: Serology Screening Response Summary - Semen			Participants: 343
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	1	2	
Negative	302	340	
Inconclusive	0	0	

Serology Screening Results

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

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
2HP8FV	Neg RSID	Neg RSID
2LKWXN	Neg Amylase	Neg Amylase
4D7WEC	Neg Phadebas	Neg Phadebas
4ETQRR	Neg ALS, RSID	Neg ALS, RSID
4LLFXC	Neg Phadebas	Neg Phadebas
4N4RDR	Neg ALS, RSID	Neg ALS, RSID
7ADTHV	Neg Amylase TEST	Neg Amylase TEST
7H7828	Neg Phadebas	Neg Phadebas
7HBENP	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
7R2ZV9	Neg Phadebas	Neg Phadebas
83T4D8	Neg Phadebas	Neg Phadebas
8YURG8	Neg Phadebas	Neg Phadebas
9AN932	Neg Phadebas	Neg Phadebas
9MV7QM	Neg RSID-Saliva	Neg RSID-Saliva
A8XLN6	Neg Phadebas	Neg Phadebas
AAFY4L	Neg RSID	Neg RSID
AVX3YX	Neg Phadebas press test	Neg Phadebas press test
B4EV4E	Neg Phadebas	Neg Phadebas
B4XXK3	Neg Phadebas	Neg Phadebas
BC9Y74	Neg Phadebas	Neg Phadebas
BKYL3E	Neg Amylase Diffusion	Neg Amylase Diffusion
BQPVCC	Neg RSID	Neg RSID
BRZP3K	Neg RSID	Neg RSID
CPR3RD	Neg ALS, Phadebas	Neg ALS, Phadebas
D2EKVG	Neg Phadabas	Neg Phadabas
DGTNHC	Neg Amylase	Neg Amylase
DMHEQT	Neg RSID Saliva	Neg RSID Saliva
DUHYUA	Neg ALS, Amylase	Neg ALS, Amylase
EDA47V	Neg Phadebas	Neg Phadebas
EP3TPM	Neg Amylase	Neg Amylase
FZWBFV	Neg RSID	Neg RSID
G4C3L9	Neg Amylase	Neg Amylase

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
GET28J	Neg Amylase Diffusion	Neg Amylase Diffusion
GU24RW	Neg Phadebas	Neg Phadebas
GK6WW	Neg Phadebas	Neg Phadebas
HC34HC	Neg RSID Saliva card	Neg RSID Saliva card
HE6748	Neg Amylase	Neg Amylase
HGTH6X	Neg Phadebas	Neg Phadebas
J7AF4H	Neg Amylase	Neg Amylase
JLLTTH	Neg RSID	Neg RSID
JLLYUW	Neg Phadebas	Neg Phadebas
JMFPZC	Neg RSID	Neg RSID
JXG3FQ	Neg Phadebas	Neg Phadebas
KBJUQM	Neg RSID	Neg RSID
KP7ZVQ	Neg Phadebas	Neg Phadebas
KTFHPC	Neg Phadebas test, RSID-Saliva	Neg Phadebas test, RSID-Saliva
LU9GLB	Neg RSID, ALS	Neg RSID, ALS
M7CJ2P	Neg RSID	Neg RSID
N2X9LZ	Neg Amylase	Neg Amylase
PXKHAT	Neg RSID	Neg RSID
QAAU8N	Neg Phadebas	Neg Phadebas
QJE2MN	Neg Phadebas	Neg Phadebas
QKT97K	Neg Phadebas	Neg Phadebas
QT24KP	Neg RSID	Neg RSID
RBV9MW	Neg Amylase	Neg Amylase
RU9PY3	Neg ALS, RSID-Saliva	Neg ALS, RSID-Saliva
TYGHKZ	Neg radial Diffusion	Neg radial Diffusion
U62XPJ	Neg Phadebas	Neg Phadebas
V3AAK9	Neg RSID-Saliva	Neg RSID-Saliva
WAMHLA	Neg RSID Saliva	Neg RSID Saliva
WFU864	Neg RSID	Neg RSID
YCN84H	Neg Phadebas	Neg Phadebas
Z489L4	Neg RSID	Neg RSID
Z9NCYZ	Neg RSID	Neg RSID
ZHTDGE	Neg Phadebas	Neg Phadebas
ZTBZE8	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
ZYDBDZ	Neg RSID	Neg RSID

Table 1c: Serology Screening Response Summary - Saliva			Participants: 67
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	0	0	
Negative	67	67	
Inconclusive	0	0	

Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
287QQV	Pos PowerQuant	Pos PowerQuant
28JHGR	Pos HemaTrace	Pos HemaTrace
2B63MV	Pos PowerQuant	Pos PowerQuant
2QYRHR	Pos HemaTrace	Pos HemaTrace
2WMAYN	Pos HemaTrace	Pos HemaTrace
2WMCNT	Pos PowerQuant	Pos PowerQuant
3B2WKR	Pos PowerQuant	Pos PowerQuant
3MTN4A	Pos Seratec HemDirect	Pos Seratec HemDirect
3NMGYT	Pos HemaTrace	
3V4QPB	Pos Seratec HemDirect	Pos Seratec HemDirect
42QYL2	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
4HXEBN	Pos HemaTrace	Pos HemaTrace
4KJXFR	Pos PowerQuant	Pos PowerQuant
4UC3UM	Pos Quant	Pos Quant
64QQXK	Pos HemaTrace	Pos HemaTrace
6B9WUQ	Pos PowerQuant	Pos PowerQuant
6HB72J	Pos HemaTrace	Pos HemaTrace
6M7ZYK	Pos HemaTrace	Pos HemaTrace
794QTQ	Pos Powerquant	Pos Powerquant
7ADTHV	Pos HemaTrace	Pos HemaTrace
7H7828	Pos HemaTrace	Pos HemaTrace
7JZ2WQ	Pos HemDirect	Pos HemDirect
8FF4BL	Pos HemaTrace	Pos HemaTrace
8N9DQX	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
8QW7EY	Pos RSID-Blood	Pos RSID-Blood
8RAHAH	Pos HemaTrace	Pos HemaTrace
92RLVM	Pos PowerQuant	Pos PowerQuant
96VCYG	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
9AN932	Pos Quant Trio	Pos Quant Trio
9GPTNH	Pos HemaTrace	Pos HemaTrace
9V7QUJ	Pos HemaTrace	Pos HemaTrace
9Y62PJ	Pos HemaTrace	Pos HemaTrace
A2NGTJ	Pos HemaTrace	Pos HemaTrace
A76JZP	Pos RSID	Pos RSID
AJ963E	Pos HemaTrace	Pos HemaTrace
AMR4EN	Pos Seratec HemDirect	Pos Seratec HemDirect
B4AK2G	Pos HemaTrace	Pos HemaTrace
B4EV4E	Pos Quant Trio	Pos Quant Trio
BKYL3E	Pos HemaTrace	Pos HemaTrace
BTBP3L	Pos RSID	Pos RSID
C8NEGE	Pos HemaTrace	Pos HemaTrace
C9JXJF	Pos HemaTrace	Pos HemaTrace
CGRU3C	Pos HemaTrace	Pos HemaTrace
CL9ZYL	Pos RSID	Pos RSID
CPR3RD	Pos Quantifiler Trio	Pos Quantifiler Trio
CY9VXE	Pos HemaTrace	Pos HemaTrace
D2EKVG	Pos Quantifiler Trio	Pos Quantifiler Trio
D2XLHJ	Pos RSID	Pos RSID
DAN8NH	Pos PowerQuant	Pos PowerQuant
DEKVCQ	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
DPMRPF	Pos HemaTrace	Pos HemaTrace
DXUQYG	Pos PowerQuant	Pos PowerQuant
EDA47V	Pos Quant Trio	Pos Quant Trio
EFU48H	Pos RSID	Pos RSID
EL3FBA	Pos RSID-Blood	NT
EWGJBE	Pos HemaTrace	Pos HemaTrace
EZZFXJ	Pos HemeDirect	Pos HemeDirect
F4A989	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
FLFFH4	Pos HemaTrace	Pos HemaTrace
G8CCWA	Pos HemaTrace	Pos HemaTrace
GET28J	Pos Quant Trio	Pos Quant Trio
GLWRZA	Pos HemaTrace	Pos HemaTrace
GPV3VA	Pos HemaTrace	Pos HemaTrace
GTAZ2B	Pos HemaTrace	Pos HemaTrace
GU24RW	Pos BLUESTAR OBTI TEST	Pos BLUESTAR OBTI TEST
H2JNEA	Pos HemaTrace	Pos HemaTrace
HC4ZT8	Pos HemaTrace	Pos HemaTrace
HCFU98	Pos HemaTrace	Pos HemaTrace
HHN27Y	Pos	Pos
HTPJL9	Pos HemaTrace	Pos HemaTrace
HVFMF	Pos RSID	Pos RSID
J3AEXT	Pos Seratec Hemdirect	Pos Seratec Hemdirect
JJWTE7	Pos HemaTrace	Pos HemaTrace
JXG3FQ	Pos Quantifiler Trio	Pos Quantifiler Trio
KK7WPA	Pos PowerQuant	Pos PowerQuant
KP7ZVQ	Pos Quant Trio	Pos Quant Trio
KPLJG9	NT	Pos HemaTrace
KTFHPC	Pos HemaTrace	Pos HemaTrace
L76KUB	Pos RSID	Pos RSID
LC72ZA	Pos HemaTrace	NT
LQNMNA	Pos PowerQuant	Pos PowerQuant
M8CK4A	Pos RSID	Pos RSID
MFMLPB	Pos RSID	Pos RSID
MPTHKG	Pos HEM-Direct	Pos HEM-Direct
MULQT2	Pos HemaTrace	Pos HemaTrace
MYHEA9	Pos PowerQuant	Pos PowerQuant
N2LCEA	Pos Seratec HemDirect	Pos Seratec HemDirect
N3VE8Z	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
NKDF23	Pos HemaTrace	Pos HemaTrace
NXK9P9	Pos HemaTrace	Pos HemaTrace
PDAVAQ	Pos HemDirect	Pos HemDirect
PJ2282	Pos HemaTrace	Pos HemaTrace
PJFMG4	Pos HemaTrace	Pos HemaTrace
PLYJ49	Pos HemDirect	Pos HemDirect
Q39H8K	Pos HemaTrace	Pos HemaTrace
Q7P4MX	Pos HemaTrace	Pos HemaTrace
QKT97K	Pos Quant Trio	Pos Quant Trio
R7KTKZ	Pos HemaTrace	Pos HemaTrace
RXUA47	Pos RSID	Pos RSID
T3YRF4	Pos RSID	Pos RSID
T7WCG3	Pos PowerQuant	Pos PowerQuant
TKE2F6	Pos RSID	Pos RSID
TQ6CQ3	Pos PowerQuant	Pos PowerQuant
TTP7M4	Pos ABACard HemaTrace	Pos ABACard HemaTrace
U4MLRY	Pos HemaTrace	Pos HemaTrace
U63PLQ	Pos HemaTrace	Pos HemaTrace
ULN9JX	Pos HemaTrace	Pos HemaTrace
UNVQB2	Pos HTR	NT
UPUM9C	Pos Quantifiler Trio	Pos Quantifiler Trio
V2DV3V	Pos HemaTrace	Pos HemaTrace
V3AAK9	Pos RSID-Blood	Pos RSID-Blood
V8L2ZL	Pos OBTI	Pos OBTI
VKQFYY	Pos quant	Pos quant
WCJ7X	Pos HemaTrace	Pos HemaTrace
VXVFT3	Pos HemDirect	Pos HemDirect
WQF66U	Pos Quant	Pos Quant
WXAG74	Pos HemaTrace DNA	Pos HemaTrace DNA
X97MNU	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
Y72JBX	Pos PowerQuant	Pos PowerQuant
Y7GZ7Q	Pos HemaTrace	Pos HemaTrace
YCN84H	Pos qPCR	Pos qPCR
Z6XCJP	Pos HemaTrace	Pos HemaTrace
ZEPWJV		Pos HemaTrace

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 123
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	121	119	
Negative	0	0	
Inconclusive	0	0	

Serology Screening Results

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

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
3JFV9Q	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
3VQ9PQ	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
42QYL2	Pos Quant Trio	Pos Quant Trio
4UC3UM	Pos Quant	Pos Quant
7P9ALM	Pos INVESTIGATOR QUANTIPLEX PRO	Pos INVESTIGATOR QUANTIPLEX PRO
8FF4BL	Pos PowerQuant	Pos PowerQuant
8N9DQX	Pos Quant Trio	Pos Quant Trio
8XJUBP	Pos TRIO	Pos TRIO
9AN932	Pos Quant Trio	Pos Quant Trio
9V7QUJ	Pos PowerQuant	Pos PowerQuant
A2TP3J	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
AQDVP6	Pos	Pos
D2EKVG	Pos Quantifiler Trio	Pos Quantifiler Trio
DEKVCQ	Pos Quant Trio	Pos Quant Trio
E2FQZH	Pos TRIO	Pos TRIO
E4ZRTJ	Pos Plexor HY System	Pos Plexor HY System
EDA47V	Pos Quant Trio	Pos Quant Trio
FXBGJZ	Pos Plexor HY	Pos Plexor HY
GDH2HN	Pos Quantifiler Trio	Pos Quantifiler Trio
GET28J	Pos Quant Trio	Pos Quant Trio
HCFU98	Pos PowerQuant	Pos PowerQuant
HF4WWV	Pos Promega Casework Direct Kit	Pos Promega Casework Direct Kit
HTPJL9	Pos PowerQuant	Pos PowerQuant
HWQEMC	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
JACCUC	Pos Trio	Pos Trio
JLLTTH	Pos Y-Screening	Pos Y-Screening
JXG3FQ	Pos Quantifiler Trio	Pos Quantifiler Trio
KP7ZVQ	Pos Quant Trio	Pos Quant Trio
KPLJG9	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
LBGJAB	Pos TRIO	Pos TRIO
LD6XXK	Pos Quantifiler Trio	Pos Quantifiler Trio
LFBHV8	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
LW2HM8	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
MPTHKG	Pos Y-23	Pos Y-23
MWVQX9	Pos TRIO	Pos TRIO

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
MYJ6MJ	Pos Quantifiler Trio	Pos Quantifiler Trio
NZQTD9	Pos Plexor HY System	Pos Plexor HY System
P4NHJ8	Pos TRIO	Pos TRIO
P7T8V4	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
PYUK44	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
Q39H8K	Pos Y-Filer Plus	Pos Y-Filer Plus
QKT97K	Pos Quant Trio	Pos Quant Trio
RJAWL6	Pos Plexor HY System	Pos Plexor HY System
TD3WMZ	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
UG29JZ	Pos Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
UL79K3	Pos TRIO	Pos TRIO
UNQ9D3	Pos Plexor HY Kit System	Pos Plexor HY Kit System
UPUM9C	Pos Quantifiler Trio	Pos Quantifiler Trio
UX4BMB	Pos Quantifiler Trio	Pos Quantifiler Trio
VUFWXZ	Pos Trio	Pos Trio
WFU864	Pos Y-Screening	Pos Y-Screening
YCN84H	Pos qPCR	Pos qPCR
Z9NCYZ	Pos	Pos
ZRC4GW	Pos Plexor HY Kit	Pos Plexor HY Kit
ZYDBDZ	Pos	Pos

Table 1e: Serology Screening Response Summary - Y Screening		Participants: 55	
	Item 3	Item 4	
Positive	55	55	
Negative	0	0	
Inconclusive	0	0	

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

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	
3MTN4A	Urine, Feces	Neg DMAC/Creatinine, Urobilinogen/Micro	Urine, Feces	Neg DMAC/Creatinine, Urobilinogen/Micro
3V4QPB	Urine	Neg DMAC, Creatinine	Urine	Neg DMAC, Creatinine
GU24RW	Semen	Neg ALS	Semen	Neg ALS
NH9PVM	Semen	Neg ALS	Semen	Neg ALS

STR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - STR Results

222Z9P	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
23TXUQ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
287QPA	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16	NM			NM	
287QQV	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
28JHGR	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
2AAL9D	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

2AC9YE	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
2B63MV	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
2B9LL8	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
2ELPZZ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
2GPEDW	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
2HP8FV	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
2JUVTZ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

2LKWXN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
2P9HQQ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
2QJ9VA	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
2QWYXD	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
2QYRHR	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
2RAKJL	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
2V7CFC	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

2VP4DN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
2WMAYN	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
2WMCNT	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
2YTWLF	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
32CBD9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
376F4R	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
39YWP2	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

3B2WKR	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
3BLPEP	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
3CCVZU	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
3E262A	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
3EYHA9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
3FD4X6	GlobalFiler™ Direct (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
3HYN39	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

3JFV9Q	GlobalFiler™ Express (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
3JRKE9	Verifiler Plus					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
3MTN4A	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16					
3MVAUB	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
3NMGYT	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
3PKJ7X	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR		
3V4QPB	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

3V8EP2	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
3VQ9PQ	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
3W238X	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
3XDZG9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
3XYK8T	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NID			NID	
3YA9RD	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
3ZYV7L	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

42QYL2	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
466URC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
467R38	Verifiler Plus					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
4CRCVM	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
4D7WEC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
4ETQRR	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
4EYUKX	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	

TABLE 2

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

Item 1 - STR Results

4F9YZ8	PowerPlex® Fusion 6C - Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
4HXEBN	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
4JMP7M	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
4JNH2A	Investigator® 24plex QS					
	11,17.3	17,25	11,11	16,18	10,12	N/A
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	N/A	N/A	17,24.2	6,9.3	8,8
	16,16	N/A	N/A	N/A	N/A	
4KJXFR	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
4LDJJ7	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
4LLFXC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

4N4RDR	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	-
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	-	6,9.3	8,8
	16,16	-	-	-	-	-
4PJ7XV	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
4PVZEV	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR		
4UC3UM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
4V8KWN	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
4WV6NZ	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
62QBL3	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

63GM7U	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
63ZMX	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
64QQXK	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
67XXE7	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
6978BA	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
6B9WUQ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
6BQ876	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

6GDZFJ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
6H8NVE	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
6HB72J	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
6JMVBN	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
6KFWZY	PowerPlex® ESI 16 FAST					
	11,17.3	17,25	11	16,18		
1		13,15	13	16,17		9,12
	14,17	12,13	31.2,32.2	11,12	X	
	21,24				6,9.3	
	16					
6LU3MN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
6M7ZYK	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

6N2G73	PowerPlex® Fusion 6c					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
6NXTXA	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
6Q3NBL	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
72F6K4	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
73DDV9	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
74QXNJ	Investigator® 24plex GO!					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
78AZGW	Investigator® 24plex QS (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

794QTQ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
7ADTHV	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
7D9QMT	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
7DCD47	PowerPlex® 21					
	11,17.3	17,25		16,18	10,12	11,11
1	10,12	13,15		16,17	8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
7H7828	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	-	-	17,24.2	6,9.3	8,8
	16,16	-	-	-	-	-
7H9UR9	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
7HBENP	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

7JYVC	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
7JZ2WQ	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
7MXB4Y	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
7P332R	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	ND			ND	
7P9ALM	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
7R2ZV9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
7WNZNT	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

83T4D8	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
89FR9X	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
8ACDHV	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
8CE34X	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
8FF4BL	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
8N9DQX	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
8QW7EY	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

8RAHAH	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
8XJUBP	Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
8YCPR7	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
8YURG8	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
8Z89ZZ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
92RLVM	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
92UDKH	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

92V7F6	Investigator® 24plex QS/GO					
	11,17.3	17,25	11,11	16,18	10,12	N/A
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	N/A	N/A	17,24.2	6,9.3	8,8
	16,16	N/A	N/A	N/A	N/A	
94L7X2	GlobalFiler™ Direct (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
96RQGV	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
97MFQ4	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
982VYP	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
9AN932	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
9EZDD3	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

9FC4JK	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
9G7K4U	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
9G8PCB	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
9GJKFV	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
9GPTNH	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
9HFWF4	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16	NM			NM	
9HHH76	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

9L63BA	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
9MV7QM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
9PX8QK	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
9V7QUJ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
9W36CW	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
9WGME3	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
9Y62PJ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

9YPEP6	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
9YPMFN	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
9Z3966	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
9ZGLUM	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
A2NGTJ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
A2TP3J	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
A4G7B7	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

A6DJXY	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
A6R9W6	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
A76JZP	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
A7HAZ8	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
A8XLN6	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
AAFY4L	PowerPlex® 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
AAHLKY	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

ADM9BX	GlobalFiler™ Direct					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
AFBKCN	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16	-				
AJ963E	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
ALUYXU	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	no results			no results	
AMMMFP	PowerPlex® 6c					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
AMR4EN	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
AQDVP6	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

AVX3YX	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
AXTL8Q	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
AZX82H	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
B3JC2D	GlobalFiler™ Express (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
B3K6QZ	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
B4AK2G	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
B4XXK3	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

B6PL74	Investigator® 24plex GO!/QS					
	11,17.3	17,25	11,11	16,18	10,12	N/A
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	N/A	N/A	17,24.2	6,9.3	8,8
	16,16	N/A	N/A	N/A	N/A	
B7YVWF	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
BAG6Y2	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
BC9Y74	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
BDJWCT	GlobalFiler™, MiniFiler					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	no results			no results	
BDWLE6	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
BEDKUN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

BGYB8E	Investigator® 24plex GO! (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
BKEU2G	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
BKYL3E	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
BM6V6J	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
BNYVZN	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR		
BQPVCC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
BQQP2Y	PowerPlex® 21					
	11,17.3	17,25		16,18	10,12	11,11
1	10,12	13,15		16,17	8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

BRZP3K	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
BTBP3L	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
BUNDDZ	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
BVGAPZ	VeriFiler Plus					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
C2YZQL	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
C4TKTZ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16					
C67BTG	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

C8NEGE	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
C8VH9Y	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
C9JXJF	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
CCHER3	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
CEM4WW	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
CFKC73	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
CGEWEV	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

CGRU3C		GlobalFiler™					
1	11,17.3	17,25	11,11	16,18	10,12		
	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16						
CL9YW2		PowerPlex® Fusion 6C					
1	11,17.3	17,25	11,11	16,18	10,12		
	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24	9,11	8,11	17,24.2	6,9.3	8,8	
	16,16						
CL9ZYL		GlobalFiler™ Express					
1	11,17.3	17,25	11,11	16,18	10,12		
	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16	NR			NR		
CNWDLB		GlobalFiler™					
1	11,17.3	17,25	11,11	16,18	10,12		
	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16						
CQJ78T		GlobalFiler™					
1	11,17.3	17,25	11,11	16,18	10,12		
	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16	NR			NR		
CX3DWX		GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16	ND			ND		
CXZL83		PowerPlex® Fusion 6C					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24	9,11	8,11	17,24.2	6,9.3	8	
	16						

TABLE 2

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

Item 1 - STR Results

CY9VXE	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
CZ6AFT	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
D2EKVG	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
D2GDR4	Investigator® 24plex QS (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
D2XLHJ	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
D6GBKW	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
DAN8NH	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

DB3E8D	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
DEKVCQ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
DGTNHC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
DHK2XN	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
DJUWLL	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
DMHEQT	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
DPMRPF	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

DT3GTP	Investigator® 24plex QS					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
DTL88Q	Investigator® 24plex QS (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
DUHYUA	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16	ND	ND	ND		
DVDGWB	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	NT
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	NT	NT	17,24.2	6,9.3	8
	16	NR	NT	NT	NR	
DXUQYG	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
DXXHNC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
DYCUNG	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

DZJ3UF	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
E2FQZH	Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
E8ZUYY	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
E9ULT6	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
EAQYDD	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
EDA47V	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
EEHETC	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

EEZEWN	Investigator® 24plex QS (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
EFDXUD	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
EFU48H	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
EL3FBA	GlobalFiler™ Express (STRmix)					
	11,17.3	17,25	11	16,18	10,12	NT
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	NT	NT	17,24.2	6,9.3	8
	16	NR	NT	NT	NR	
ELHNBX	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
EP3TPM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
EPHY6C	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

ER7B73	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
ER9Z9E	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
ERRXGL	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR		
EWGJBE	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
EYAAT2	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
EZZFXJ	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NAO				
F4A989	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

F732EZ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
F7H7Y6	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
F8GCFY	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
FA3FNW	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
FA62EX	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
FCREFN	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
FFMDCJ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

FGLJY	Investigator® 24plex QS/GO					
1	11,17.3	17,25	11,11	16,18	10,12	N/A
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	N/A	N/A	17,24.2	6,9.3	8,8
	16,16	N/A	N/A	N/A	N/A	
FK3VQU						
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
FLFFH4	GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
FLT7HM	PowerPlex® Fusion 5C					
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
FMPGHW	PowerPlex® Fusion					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
FN4U7E	GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
FPGFW	GlobalFiler™ (STRmix)					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

FPUVAG	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
FQDTJM	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
FVHUDP	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	no result			no result	
FXBGJZ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
FZWBFV	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
G4C3L9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
G8CCWA	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

G976NM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
GDH2HN	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
GET28J	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NA			NA	
GLDY8C	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
GLWRZA	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
GNGXZW	PowerPlex® Fusion 6C (STRMix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
GPV3VA	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

GR2HHU	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
GRJQAA	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
GTAZ2B	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
GU24RW	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
GU3PJX	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
GU7BEE	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
GU88GW	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

GWA8GU	GlobalFiler™ (STRMIX)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
GWUQM2	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
GX7HEH	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
GXQ6AT	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
GYK6WW	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
H2JNEA	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
H2NXPA	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

H3CEWW	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
H4QZ9J	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
H8CJM9	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
HB6U88	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
HC34HC	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	--			--	
HC4ZT8	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
HCFU98	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

HCK6B7	GlobalFiler™ Express (STRmix version 2.8)					
	11,17.3	17,25	11	16,18	10,12	NT
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	NT	NT	17,24.2	6,9.3	8
	16	NR	NT	NT	NR	
HDT89X	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
HDYH2P	Identifiler® Plus (Genotyper 3.7)					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8
	16					
HE6748	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
HGTH6X	PowerPlex® ESI17					
	11,17.3	17,25	11,11	16,18		
1		13,15	13,13	16,17		9,12
	14,17	12,13	31.2,32.2	11,12	X,X	
	21,24			17,24.2	6,9.3	
	16,16					
HHM9BC	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
HHN27Y	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

HJHT2X	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
HMJPPR	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
HTPJL9	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
HU6VA6	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
HUFMCU	PowerPlex® 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16	-	-	-		
HUH93V	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
HVFMEF	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	NR
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	NR	NR	17,24.2	6,9.3	8,8
	16,16	NR	NR	NR	NR	

TABLE 2

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

Item 1 - STR Results

HW9HWH	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
HWADH9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
HWQEMC	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
HZ9R6Y	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
J3AEXT	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16					
J3B2NU	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
J438TC	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

J6ZBZG	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
J7AF4H	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
J9YLWG	PowerPlex® Fusion 6C, Signature Prep-Primer Set B					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR		
JACCUC	Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
JCZQHM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
JEPV7E	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
JTBC2	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

JJWTE7	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
JLLTTH	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
JLLYUW	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
JMFPZC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
JNPP6J	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
JTKYQ	GlobalFiler™ Direct, ArgusX					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
JUGYMJ	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

JUWCY8	PowerPlex® Fusion 6c (STRMix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
JXG3FQ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
JYBWUM	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
JZ23FR	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16	NM			NM	
K6BHLA	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
K9R38P	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
KAPBHU	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

KBJUQM	GlobalFiler™ (STRmix)						
		11,17.3	17,25	11	16,18	10,12	
	1	10,12	13,15	13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X	10,11
		21,24			17,24.2	6,9.3	8
	16						
KCT3LF	PowerPlex® 6C						
		11,17.3	17,25	11	16,18	10,12	
	1	10,12	13,15	13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X	10,11
		21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR			
KJANE6	GlobalFiler™						
		11,17.3	17,25	11	16,18	10,12	
	1	10,12	13,15	13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X	10,11
		21,24			17,24.2	6,9.3	8
	16	ND			ND		
KK3CXZ	GlobalFiler™						
		11,17.3	17,25	11,11	16,18	10,12	
	1	10,12	13,15	13,13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X,X	10,11
		21,24			17,24.2	6,9.3	8,8
	16,16						
KK7WPA	PowerPlex® Fusion 6C						
		11,17.3	17,25	11,11	16,18	10,12	
	1	10,12	13,15	13,13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X,X	10,11
		21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16						
KLLAD7	PowerPlex® Fusion 6C						
		11,17.3	17,25	11	16,18	10,12	
	1	10,12	13,15	13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X	10,11
		21,24	9,11	8,11	17,24.2	6,9.3	8
	16						
KMV9K9	GlobalFiler™						
		11,17.3	17,25	11	16,18	10,12	
	1	10,12	13,15	13	16,17	8,12	9,12
		14,17	12,13	31.2,32.2	11,12	X	10,11
		21,24			17,24.2	6,9.3	8
	16	ND			ND		

TABLE 2

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

Item 1 - STR Results

KP7ZVQ	GlobalFiler™					
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
KPLJG9	GlobalFiler™ Express					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
KQBRKH	GlobalFiler™ IQC PCR Amplification Kit					
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
KQWBLJ	GlobalFiler™ (STRmix)					
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
KRQZUQ	GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16	NM			NM	
KTFHPC	NGM SElect					
1	11,17.3	17,25	11,11	16,18		
		13,15	13,13	16,17		9,12
	14,17	12,13	31.2,32.2	11,12	X,X	
	21,24			17,24.2	6,9.3	
	16,16					
KTJ8RN	GlobalFiler™ Direct (STRmix)					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

L2QACZ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
L3NCQ6	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
L4XF39	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
L6BVHG	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
L76KUB	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
LA34UN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
LBGJAB	Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

LC72ZA	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
LD2CCR	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
LD448E	Investigator® 24plex					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR				
LD6XXK	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
LFBHV8	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
LHDHPD	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
LQNMNA	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

LQREE6	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
LT2A9A	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
LU9GLB	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
LUAK28	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
LW2HM8	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
LXPXUU	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
M7CJ2P	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

M7E7RQ	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
M8CK4A	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
MA3F4C	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
MC3YQW	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
MFMLPB	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	No Result			No Result	
MGWEM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
MNW6XN	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

MPTHKG	VERSAPLEX 27PY					
1	11,17.3	17,25	11,11	16,18	10,12	11,11
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	-	6,9.3	8,8
	16,16	-	-	-	-	-
MQ3L66	PowerPlex® Fusion 6C					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
MTUM98	GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
MULQT2	GlobalFiler™					
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
MVKNCA	GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
MWVQX9	Investigator® 24plex QS					
1	11,17.3	17,25	11	16,18	10,12	
	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
MYHEA9	PowerPlex® Fusion 6C					
1	11,17.3	17,25	11,11	16,18	10,12	
	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

MYJ6MJ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
N2LCEA	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
N2X9LZ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
N3VE8Z	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
N4RW6V	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
N62Y4N	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
N7CW9H	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

NB9B8Z	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
NCJADH	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	no results			no results	
NFHKAH	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	No result			No result	
NH9PVM	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16	NM			NM	
NHQR3	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
NKDF23	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
NKUQPN	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

NXK9P9		Identifiler® Plus					
		17,25		16,18	10,12		
1	10,12	13,15			8,12	9,12	
	14,17	12,13	31.2,32.2		X,X	10,11	
	21,24				6,9.3	8,8	
	16,16						
NZQTD9							
	11,17.3	17,25	11,11	16,18	10,12		
1	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16						
P4NHJ8		Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12		
1	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16						
P6HDZP		PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12		
1	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24	9,11	8,11	17,24.2	6,9.3	8	
	16						
P7T8V4		GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12		
1	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16						
P9HFYD		GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12		
1	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16	-			-		
PDAVAQ		PowerPlex®					
	11,17.3	17,25	11,11	16,18	10,12		
1	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24	9,11	8,11	17,24.2	6,9.3	8,8	
	16,16						

TABLE 2

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

Item 1 - STR Results

PE3N7A	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
PJ2282	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
PJC2YG	GlobalFiler™ (STRmix 2.4.06)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
PJFMG4	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
PJVTYE	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
PKBXV7	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
PKR6YN	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

PLL63	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
PLYJ49	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
PM4N6R	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
PP37YD	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
PQGTCL	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
PQUBDQ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
PTZZEE	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

PWLEKN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
PXKHAT	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
PYCLP7	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
PYUK44	GlobalFiler™ Express (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
Q2RPQN	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
Q39H8K	PowerPlex® 21					
	11,17.3	17,25		16,18	10,12	11,11
1	10,12	13,15		16,17	8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
Q7P4MX	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

Q87ZEX	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	NT
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	NT	NT	17,24.2	6,9.3	8
	16	NR	NT	NT	NR	
Q8ZY2B	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
QAAU8N	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
QBXFGQ	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
QCCWPC	Identifiler®					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
QE3X2Z	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
QJE2MN	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

QKM4KF	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
QKT97K	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
QPWG3E	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
QRKY87	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
QT24KP	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
QT4PF6	PowerPlex® Fusion 6C, FlexPlex					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NID	NID	NID		
QTKQGL	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

QVQB78	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
QXFE9Z	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
R2P4YM	Investigator® 24plex QS					
	11,17.3	17,25	11,11	16,18	10,12	N/A
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	N/A	N/A	17,24.2	6,9.3	8,8
	16,16	N/A	N/A	N/A	N/A	
R34J89	GlobalFiler™, Signature Prep - Primer Set B					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16	NR	NR	NR	NR	
R697UY	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
R7KTKZ	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
RBV9MW	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

RDGRT2	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
RDL7EN	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
RG2TQ9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
RJAWL6	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	--				
RU9PY3	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
RUAM6R	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
RW2FFP	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

RXUA47	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
T3YRF4	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
T6PNF7	PowerPlex® Fusion 5C (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
T7WCG3	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
T8P6BZ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
TD3WMZ	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
TKE2F6	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

TLAEE7	PowerPlex® Fusion (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
TQ6BNH	PowerPlex® Fusion, 21, Fusion 6C, Verifiler Express					
	11,17.3	17,25	11	16,18	10,12	11
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
TQ6CQ3	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
TRYWTG	GlobalFiler™ Direct (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
TTP7M4	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
TWUVRX	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
TYGHKZ	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

TZELFG		GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16	ND			ND		
U4MLRY		GlobalFiler™					
1	11,17.3	17,25	11,11	16,18	10,12		
	10,12	13,15	13,13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X,X	10,11	
	21,24			17,24.2	6,9.3	8,8	
	16,16	-			-		
U62XPJ		GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16						
U63PLQ		GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16						
U6KT8K		PowerPlex® Fusion					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24	9,11	8,11		6,9.3	8	
	16						
U7DPHK		GlobalFiler™					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24			17,24.2	6,9.3	8	
	16						
U7FBAL		PowerPlex® Fusion 5C					
1	11,17.3	17,25	11	16,18	10,12		
	10,12	13,15	13	16,17	8,12	9,12	
	14,17	12,13	31.2,32.2	11,12	X	10,11	
	21,24	9,11	8,11		6,9.3	8	
	16						

TABLE 2

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

Item 1 - STR Results

U96HV4	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
UBBZ2Y	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
UE68WT	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
UERLKL	GlobalFiler™ Direct (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
UG29JZ	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
UK2K8X	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
UL79K3	Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

ULN9JX	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
UNQ9D3	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
UNVQB2	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
UPUM9C	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
UQ339H	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
UUPEJU	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
UX4BMB	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

V2DV3V	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
V2H76T	GlobalFiler™ Express (STRmix v.2.8)					
	11,17.3	17,25	11	16,18	10,12	NT
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	NT	NT	17,24.2	6,9.3	8
	16	NR	NT	NT	NR	
V3AAK9	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
V8L2ZL	PowerPlex® Fusion5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
VATEVG	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
VGCKGF	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
VKQFYY	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

VKVP9Y	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
VMGN39	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
VNPVGA	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
VQYUQV	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
VUFWXZ	Investigator® 24plex QS					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
WCJ7X	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
VW3MWJ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

VW6ANK	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
VWMHCF	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
VWNA93	PowerPlex® Fusion 5C (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
VXVFT3	Investigator® 24plex GO!					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
W4X32H	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
W6DENU	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
W9BWXU	PowerPlex® Fusion 6C Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

WAMHLA	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
WBVD6G	PowerPlex® Fusion 5C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
WCDN7F	GlobalFiler™ (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
WFU864	PowerPlex® 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
WGPQ76	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16	NR				
WJW4UX	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
WMCFQE	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

WPKLBU	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
WQF66U	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
WT2X8B	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
WT86FY	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
WUA6A4	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16	NR				
WV4473	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
WXAG74	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10
	21,24	9,11	8,11		6,9.3	8
	16	NR				

TABLE 2

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

Item 1 - STR Results

X2AQZQ	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
X2TVA6	GlobalFiler™ IQC PCR Amplification Kit					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
X3JZNH	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
X3NEB7	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
X97MNU	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
XBGL4W	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
XG64JT	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

XK2W9H	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
XPC7BY	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
Y27J9B	GlobalFiler™ Direct (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
Y33XV4	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16	NR				
Y664WF	Investigator® 24plex QS					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
Y72JBX	PowerPlex® Fusion 6C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8,8
	16,16					
Y7DFN4	PowerPlex® Fusion 5C					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					

TABLE 2

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

Item 1 - STR Results

Y7GZ7Q	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
YBX3N4	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
YCN84H	GlobalFiler™ (TrueAllele)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
YFNGA6	PowerPlex® Fusion					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	9,11	8,11		6,9.3	8,8
	16,16					
YHQJZE	Investigator® 24plex QS, GO!					
	11,17.3	17,25	11,11	16,18	10,12	N/A
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24	N/A	N/A	17,24.2	6,9.3	8,8
	16,16	N/A	N/A	N/A	N/A	
YHT6QF	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					
YLRFMF	PowerPlex® Fusion					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11		6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

YN3ETV	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
YREC86	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
YRHQWE	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16					
YRJN8A	GlobalFiler™ Direct, ArgusX					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
YVZ82P	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	NT
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	NT	NT	17,24.2	6,9.3	8
	16	NR	NT	NT	NR	
YYFQVR	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
Z489L4	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

Z6XCJP	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	-			-	
Z9ZCUA	GlobalFiler™ Direct					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
ZAETVU	GlobalFiler™ (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
ZAWPG3	GlobalFiler™ Express					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	--			--	
ZDWXXM	Investigator® 24plex (STRmix)					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
ZEPWJV	Identifiler® Plus					
		17,25		16,18	10,12	
1	10,12	13,15			8,12	9,12
	14,17	12,13	31.2,32.2		X,X	10,11
	21,24				6,9.3	8,8
	16,16					
ZHPZPC	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

ZHTDGE	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					
ZJZV6M	GlobalFiler™ Express					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	NR			NR	
ZLCDPT	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
ZQ3Y6U	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16	ND			ND	
ZQGG7E	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					
ZRU3V	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16					
ZTBZE8	GlobalFiler™					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24			17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 1 - STR Results

ZVGNLW	GlobalFiler™					
	11,17.3	17,25	11,11	16,18	10,12	
1	10,12	13,15	13,13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X,X	10,11
	21,24			17,24.2	6,9.3	8,8
	16,16	NR			NR	
ZYDBDZ	PowerPlex® Fusion 6C					
	11,17.3	17,25	11	16,18	10,12	
1	10,12	13,15	13	16,17	8,12	9,12
	14,17	12,13	31.2,32.2	11,12	X	10,11
	21,24	9,11	8,11	17,24.2	6,9.3	8
	16					

TABLE 2

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

Item 2 - STR Results

222Z9P	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
23TXUQ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
287QPA	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
287QQV	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
28JHGR	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
2AAL9D	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
2AC9YE	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	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

2B63MV	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
2B9LL8	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
2ELPZZ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
2GPEDW	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
2HP8FV	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
2JUVTZ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
2LKWXN	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

2P9HQQ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
2QJ9VA	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
2QWYXD	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
2QYRHR	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
2RAKJL						
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
2V7CFC	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
2VP4DN	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

2WMAYN	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
2WMCNT	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
2YTWLF	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
32CBD9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
376F4R	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
39YWP2	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
3B2WKR	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	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

3BLPEP	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
3CCVZU	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3E262A	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3EYHA9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3FD4X6	GlobalFiler™ Direct (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3HYN39	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3JFV9Q	GlobalFiler™ Express (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

3JRKE9	Verifiler Plus					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17				2	
3MTN4A	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3MVAUB	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
3NMGYT	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
3PKJ7X	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
3V4QPB	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3V8EP2	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

3VQ9PQ	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3W238X	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
3XDZG9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
3XYK8T	PowerPlex® Fusion 6C, FlexPlex					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
3YA9RD	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
3ZYV7L	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
42QYL2	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

466URC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
467R38	Verifiler Plus					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17				2	
4CRCVM	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
4D7WEC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
4ETQRR	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
4EYUKX	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
4F9YZ8	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

4HXEBN	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
4JMP7M	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
4JNH2A	Investigator® 24plex QS, FLEX PLEX 27					
	16,17.3	17,18	14,14	16,16	11,13	12,13
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	N/A	5,10	18,28.2	7,7	11,14
	15,17	10	20	17	N/A	
4KJXFR	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
4LDJJ7	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
4LLFXC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
4N4RDR	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	-
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	-	7,7	11,14
	15,17	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

4PJ7XV	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
4PVZEV	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
4UC3UM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
4V8KWN	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
4WV6NZ	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
62QBL3	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
63GM7U	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

63ZMXZ	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
64QQXK	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
67XXE7	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
6978BA	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17	2	
6B9WUQ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
6BQ876	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
6GDZFJ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

6H8NYE	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
6HB72J	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
6JMVBN	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
6KFWZY	PowerPlex® ESI 16 FAST					
	16,17.3	17,18	14	16		
2		10,13	13	18,19		9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	
	20,23				7	
	15,17					
6LU3MN	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
6M7ZYK	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
6N2G73	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	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

6NXTXA	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
6Q3NBL	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
72F6K4	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
73DDV9	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
74QXNJ	Investigator® 24plex GO!					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
78AZGW	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
794QTQ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	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

7ADTHV	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
7D9QMT	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
7DCD47	PowerPlex® 21					
	16,17.3	17,18		16,16	11,13	12,13
2	9,11	10,13		18,19	12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17					
7H7828	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	-	-	18,28.2	7,7	11,14
	15,17	10	-	-	2	
7H9UR9	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
7HBENP	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
7JYVC	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

7JZ2WQ	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
7MXB4Y	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
7P332R	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
7P9ALM	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
7R2ZV9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
7WNZNT	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
83T4D8	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

89FR9X	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
8ACDHV	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
8CE34X	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
8FF4BL	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
8N9DQX	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
8QW7EY	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
8RAHAH	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

8XJUBP	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
8YCP7	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
8YURG8	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
8Z89ZZ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
92RLVM	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
92UDKH	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
92V7F6	Investigator® 24plex QS, FlexPLEX 27					
	16,17.3	17,18	14,14	16,16	11,13	12,13
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	N/A	5,10	18,28.2	7,7	11,14
	15,17	10	20	17	N/A	

TABLE 2

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

Item 2 - STR Results

94L7X2	GlobalFiler™ Direct (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
96RQGV	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
97MFQ4	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
982VYP	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
9AN932	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9EZDD3	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
9FC4JK	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

9G7K4U	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9G8PCB	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9GJKFV	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9GPTNH	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9HFWF4	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
9HHH76	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
9L63BA	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

9MV7QM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
9PX8QK	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
9V7QUJ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9W36CW	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9WGME3	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
9Y62PJ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9YPEP6	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

9YPMFN	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
9Z3966	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
9ZGLUM	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
A2NGTJ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
A2TP3J	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
A4G7B7	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
A6DJXY	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

A6R9W6	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
A76JZP	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
A7HAZ8	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
A8XLN6	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
AAFY4L	PowerPlex® 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
AAHLKY	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ADM9BX	GlobalFiler™ Direct					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

AFBKCNC	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
AJ963E	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
ALUYXU	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
AMMMFP	PowerPlex® 6c					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
AMR4EN	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
AQDVP6	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
AVX3YX	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	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

AXTL8Q	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
AZX82H	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
B3JC2D	GlobalFiler™ Express (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
B3K6QZ	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
B4AK2G	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
B4XXK3	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
B6PL74	Investigator® 24plex QS					
	16,17.3	17,18	14,14	16,16	11,13	N/A
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	N/A	N/A	18,28.2	7,7	11,14
	15,17	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 2 - STR Results

B7YVWF	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
BAG6Y2	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
BC9Y74	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
BDJWCT	GlobalFiler™, MiniFiler					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
BDWLE6	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
BEDKUN	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
BGYB8E	Investigator® 24plex GO! (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

BKEU2G	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
BKYL3E	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
BM6V6J	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
BNYVZN	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
BQPVCC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
BQQP2Y	PowerPlex® 21					
	16,17.3	17,18		16,16	11,13	12,13
2	9,11	10,13		18,19	12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17					
BRZP3K	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	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

BTBP3L	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
BUNDDZ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
BVGAPZ	VeriFiler Plus					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17				2	
C2YZQL	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
C4TKTZ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
C67BTG	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
C8NEGE	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

C8VH9Y	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
C9JXJF	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
CCHER3	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
CEM4WW	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
CFKC73	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
CGEWEV	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
CGRU3C	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

CL9YW2	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
CL9ZYL	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
CNWDLB	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
CQJ78T	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
CX3DWX	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
CXZL83	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
CY9VXE	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

CZ6AFT	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
D2EKVG	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
D2GDR4	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
D2XLHJ	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
D6GBKW	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
DAN8NH	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
DB3E8D	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

DEKVCQ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
DGTNHC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
DHK2XN	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
DJUWLL	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
DMHEQT	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
DPMRPF	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
DT3GTP	Investigator® 24plex QS					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

DTL88Q	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
DUHYUA	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
DVDGWB	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	NT
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NT	NT	18,28.2	7	11,14
	15,17	10	NT	NT	2	
DXUQYG	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
DXXHNC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
DYCUNG	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
DZJ3UF	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

E2FQZH	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
E8ZUYY	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
E9ULT6	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
EAQYDD	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
EDA47V	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
EEHETC	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
EEZEWN	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

EFDXUD	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
EFU48H	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
EL3FBA	GlobalFiler™ Express (STRmix)					
	16,17.3	17,18	14	16	11,13	NT
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NT	NT	18,28.2	7	11,14
	15,17	10	NT	NT	2	
ELHNBX	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
EP3TPM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
EPHY6C	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ER7B73	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

ER9Z9E	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ERRXGL	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
EWGJBE	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
EYAAT2	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
EZZFXJ	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
F4A989	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
F732EZ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	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

F7H7Y6	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
F8GCFY	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
FA3FNW	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
FA62EX	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
FCREFN	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
FFMDCJ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
FGLJYV	Investigator® 24plex QS, Flex Plex 27					
	16,17.3	17,18	14,14	16,16	11,13	12,13
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	N/A	5,10	18,28.2	7,7	11,14
	15,17	10	INC	17	N/A	

TABLE 2

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

Item 2 - STR Results

FK3VQU	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	NR
	15,17	10			2	
FLFFH4	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
FLT7HM	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
FMPGHW	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
FN4U7E	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
FPGFW	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
FPUVAG	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					

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

FQDTJM	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
FVHUDP	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
FXBGJZ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
FZWBFV	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
G4C3L9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
G8CCWA	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
G976NM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

GDH2HN	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
GET28J	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
GLDY8C	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
GLWRZA	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
GNGXZW	PowerPlex® Fusion 6C (STRMix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
GPV3VA	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
GR2HHU	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

GRJQAA	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
GTAZ2B	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	[18,19]	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,[14]
	15,17	10			2	
GU24RW	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
GU3PJX	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
GU7BEE	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
GU88GW	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
GWA8GU	GlobalFiler™ (STRMIX)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

GWUQM2	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
GX7HEH	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
GXQ6AT	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
GYK6WW	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
H2JNEA	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
H2NXPA	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
H3CEWW	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	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

H4QZ9J	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
H8CJM9	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
HB6U88	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
HC34HC	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
HC4ZT8	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
HCFU98	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
HCK6B7	GlobalFiler™ Express (STRmix version 2.8)					
	16,17.3	17,18	14	16	11,13	NT
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NT	NT	18,28.2	7	11,14
	15,17	10	NT	NT	2	

TABLE 2

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

Item 2 - STR Results

HDT89X	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
HDYHZP	Identifiler® Plus (Genotyper 3.7)					
		17,18		16	11,13	
2	9,11	10,13			12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7	11,14
	15,17					
HE6748	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
HGTH6X	PowerPlex® ESI17					
	16,17.3	17,18	14,14	16,16		
2		10,13	13,13	18,19		9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	
	20,23			18,28.2	7,7	
	15,17					
HHM9BC	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
HHN27Y	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10,10	20,20	17,17		
HJHT2X	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

HMJPPR	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
HTPJL9	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
HU6VA6	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
HUFMCU	PowerPlex® 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
HUH93V	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
HVFMEF	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	NR
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NR	NR	18,28.2	7,7	11,14
	15,17	10	NR	NR	2	
HW9HWH	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

HWADH9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
HWQEMC	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
HZ9R6Y	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
J3AEXT	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
J3B2NU	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
J438TC	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
J6ZBZG	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

J7AF4H	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
J9YLWG	PowerPlex® Fusion 6C, SignaturePrep-Primer Set B					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
JACCUC	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
JCZQHM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
JEPV7E	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
JTBC2	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
JJWTE7	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

JLLTTH	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
JLLYUW	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
JMFPZC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
JNPP6J	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
JTJKYQ	GlobalFiler™, ArgusX					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
JUGYMJ	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
JUWCY8	PowerPlex® Fusion 6c (STRMix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

JXG3FQ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
JYBWUM	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
JZ23FR	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
K6BHLA	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
K9R38P	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
KAPBHU	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
KBJUQM	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

KCT3LF	PowerPlex® 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
KJANE6	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
KK3CXZ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
KK7WPA	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
KLLAD7	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
KMV9K9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
KP7ZVQ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

KPLJG9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
KQBRKH	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
KQWBLJ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
KRQZUQ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
KTFHPC	NGM SElect					
	16,17.3	17,18	14,14	16,16		
2		10,13	13,13	18,19		9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	
	20,23			18,28.2	7,7	
	15,17					
KTJ8RN	GlobalFiler™ Direct (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
L2QACZ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

L3NCQ6	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
L4XF39	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
L6BVHG	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
L76KUB	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
LA34UN	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
LBGJAB	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
LC72ZA	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					

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

LD2CCR	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
LD448E	PowerPlex® 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
LD6XXK	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
LFBHV8	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
LHDHPD	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
LQNMNA	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
LQREE6	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

LT2A9A	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
LU9GLB	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
LUAK28	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
LW2HM8	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
LXPXUU	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
M7CJ2P	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
M7E7RQ	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	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

M8CK4A	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
MA3F4C	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
MC3YQW	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
MFMLPB	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
MGWEM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
MNW6XN	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
MPTHKG	VERSAPLEX 27PY					
	16,17.3	17,18	14,14	16,16	11,13	12,13
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	-	7,7	11,14
	15,17	10	20	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

MQ3L66	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
MTUM98	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
MULQT2	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
MVKNCA	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
MWVQX9	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
MYHEA9	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
MYJ6MJ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

N2LCEA	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
N2X9LZ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
N3VE8Z	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
N4RW6V	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
N62Y4N	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
N7CW9H	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
NB9B8Z	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

NCJADH	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
NFHKAH	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
NH9PVM	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
NHQR3	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
NKDF23	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
NKUQPN	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
NXK9P9	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					

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

NZQTD9						
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
P4NHJ8 Investigator® 24plex QS						
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
P6HDZP PowerPlex® Fusion 6C						
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
P7T8V4 GlobalFiler™ Express						
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
P9HFYD GlobalFiler™ IQC PCR Amplification Kit						
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PDAVAQ PowerPlex®						
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
PE3N7A GlobalFiler™						
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

PJ2282	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PJC2YG	GlobalFiler™ (STRmix 2.4.06)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PJFMG4	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PJVTYE	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
PKBXV7	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PKR6YN	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
PLL63	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

PLYJ49	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
PM4N6R	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
PP37YD	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PQGTCL	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
PQUBDQ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
PTZZEE	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PWLEKN	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

PXKHAT	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
PYCLP7	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
PYUK44	GlobalFiler™ Express (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
Q2RPQN	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
Q39H8K	PowerPlex® 21					
	16,17.3	17,18		16,16	11,13	12,13
2	9,11	10,13		18,19	12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17					
Q7P4MX	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
Q87ZEX	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	NT
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NT	NT	18,28.2	7	11,14
	15,17	10	NT	NT	2	

TABLE 2

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

Item 2 - STR Results

Q8ZY2B	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
QAAU8N	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
QBXFGQ	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
QCCWPC	Identifiler®					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
QE3X2Z	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
QJE2MN	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
QKM4KF	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

QKT97K	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
QPWG3E	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
QRKY87	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
QT24KP	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
QT4PF6	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
QTKQGL	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
QVQB78	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	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

QXFE9Z	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
R2P4YM	Investigator® 24plex GO!/QS, FlexPlex27					
	16,17.3	17,18	14,14	16,16	11,13	12,13
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	N/A	5,10	18,28.2	7,7	11,14
	15,17	10	INC	INC	N/A	
R34J89	GlobalFiler™, Signature Prep - Primer Set B					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17	2	
R697UY	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
R7KTKZ	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
RBV9MW	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
RDGRT2	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

RDL7EN	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
RG2TQ9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
RJAWL6	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
RU9PY3	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
RUAM6R	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
RW2FFP	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
RXUA47	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

T3YRF4	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
T6PNF7	PowerPlex® Fusion 5C (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
T7WCG3	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
T8P6BZ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
TD3WMZ	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
TKE2F6	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
TLAEE7	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	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

TQ6BNH	PowerPlex® Fusion, 21, Fusion 6C, Verifiler Express					
	16,17.3	17,18	14	16	11,13	12,13
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17	2	
TQ6CQ3	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
TRYWTG	GlobalFiler™ Direct (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
TTP7M4	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
TWUVRX	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
TYGHKZ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
TZELFG	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

U4MLRY	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
U62XPJ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
U63PLQ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
U6KT8K	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
U7DPHK	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
U7FBAL	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
U96HV4	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

UBB2ZY	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
UE68WT	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
UERLKL	GlobalFiler™ Direct (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
UG29JZ	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
UK2K8X	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
UL79K3	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
ULN9JX	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

UNQ9D3	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
UNVQB2	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
UPUM9C	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
UQ339H	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
UUPEJU	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
UX4BMB	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
V2DV3V	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

V2H76T	GlobalFiler™ Express (STRmix v.2.8)					
	16,17.3	17,18	14	16	11,13	NT
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NT	NT	18,28.2	7	11,14
	15,17	10	NT	NT	2	
V3AAK9	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
V8L2ZL	PowerPlex® Fusion5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
VATEVG	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
VGCKGF	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
VKQFYY	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
VKVP9Y	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

VMGN39	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
VNPVGA	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
VQYUQV	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
VUFWXZ	Investigator® 24plex QS					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10				
WCJ7X	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
VW3MWJ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
VW6ANK	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

VWMHCF	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
VWNA93	PowerPlex® Fusion 5C (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
VXVFT3	Investigator® 24plex GO!					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
W4X32H	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
W6DENU	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
W9BWXU	PowerPlex® Fusion 6C Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
WAMHLA	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

WBVD6G	PowerPlex® Fusion 5C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
WCDN7F	GlobalFiler™ (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
WFU864	PowerPlex® 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
WGPQ76	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
WJW4UX	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
WMCFQE	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
WPKLBU	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

WQF66U	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
WT2X8B	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
WT86FY	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
WUA6A4	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
WV4473	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
WXAG74	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
X2AQZQ	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

X2TVA6	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
X3JZNH	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
X3NEB7	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
X97MNU	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
XBGL4W	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
XG64JT	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
XX2W9H	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

XPC7BY	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
Y27J9B	GlobalFiler™ Direct (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
Y33XV4	PowerPlex® Fusion, MiniFiler					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
Y664WF	Investigator® 24plex QS & Go					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
Y72JBX	PowerPlex® Fusion 6C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7,7	11,14
	15,17	10	20	17		
Y7DFN4	PowerPlex® Fusion 5C					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
Y7GZ7Q	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

YBX3N4	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
YCN84H	GlobalFiler™ (TrueAllele)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
YFNGA6	PowerPlex® Fusion					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7,7	11,14
	15,17	10				
YHQJZE	Investigator® 24plex QS					
	16,17.3	17,18	14,14	16,16	11,13	N/A
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	N/A	N/A	18,28.2	7,7	11,14
	15,17	10	N/A	N/A	N/A	
YHT6QF	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
YLRFMF	PowerPlex® Fusion					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10		7	11,14
	15,17	10				
YN3ETV	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

YREC86	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
YRHQWE	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
YRJN8A	GlobalFiler™ Direct, Argust X					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
YVZ82P	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	NT
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	NT	NT	18,28.2	7	11,14
	15,17	10	NT	NT	2	
YYFQVR	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
Z489L4	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
Z6XCJP	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

Z9ZCUA	GlobalFiler™ Direct					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ZAETVU	GlobalFiler™ (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
ZAWPG3	GlobalFiler™ Express					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
ZDWXMX	Investigator® 24plex (STRmix)					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10				
ZEPWJV	Identifiler® Plus					
		17,18		16,16	11,13	
2	9,11	10,13			12,12	9,14
	15,19	12,15.2	33,33.2		X,Y	10,12
	20,23				7,7	11,14
	15,17					
ZHPZPC	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ZHTDGE	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	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

ZJZV6M	GlobalFiler™ Express					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ZLCDPT	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
ZQ3Y6U	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ZQGG7E	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	17		
ZRU3V	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	10			2	
ZTBZE8	GlobalFiler™					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7	11,14
	15,17	10			2	
ZVGNLW	GlobalFiler™					
	16,17.3	17,18	14,14	16,16	11,13	
2	9,11	10,13	13,13	18,19	12,12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23			18,28.2	7,7	11,14
	15,17	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

ZYDBDZ	PowerPlex® Fusion 6C					
	16,17.3	17,18	14	16	11,13	
2	9,11	10,13	13	18,19	12	9,14
	15,19	12,15.2	33,33.2	14,15	X,Y	10,12
	20,23	9,12	5,10	18,28.2	7	11,14
	15,17	10	20	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

222Z9P	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
23TXUQ	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
287QPA	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
287QQV	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
28JHGR	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2AAL9D	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2AC9YE	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

2B63MV	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
2B9LL8	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2ELPZZ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2GPEDW	PowerPlex® Fusion (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
2HP8FV	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2JUVTZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2LKWXN	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

2P9HQQ	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
2QJ9VA	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2QWYXD	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
2QYRHR	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
2RAKJL	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
2V7CFC	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
2VP4DN	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

2WMAYN	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
2WMCNT	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
2YTWLF	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
32CBD9	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
376F4R	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
39YWP2	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
3B2WKR	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

3BLPEP	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
3CCVZU	GlobalFiler™ (STRmix 2.7.0)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3E262A	GlobalFiler™ (STRMIX)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		2	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3EYHA9	GlobalFiler™ (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3FD4X6	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,11,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,13,14
	15,16,17	10			2	
3HYN39	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3JFV9Q	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

3JRKE9	Verifiler Plus					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17				2	
3MTN4A	GlobalFiler™ (BulletProof Sentry)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3MVAUB	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
3NMGYT	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
3PKJ7X	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
3V4QPB	GlobalFiler™ (BP Sentry)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3V8EP2	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

3VQ9PQ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3W238X	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3XDZG9	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
3XYK8T	PowerPlex® Fusion 6C (STRmix)					
	(11),16,17.3	17,18,(25)	(11),14	16,(18)	10,11,(12),13	
3	9,10,11,(12)	10,13,(15)	13	(16),(17),18,19	(8),12	9,(12),14
	(14),15,(17),19	12,(13),15.2	31.2,32.2,33,33.2	11,(12),14,15	X,(Y)	10,(11),12
	20,(21),23,24	9,(11),12	5,(8),10,(11)	17,18,(24.2),28.2	(6),7,(9.3)	8,11,14
	15,16,17	10	20	17		
3YA9RD	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
3ZYV7L	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
42QYL2	GlobalFiler™ (STRmix v2.8.0)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

466URC	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
467R38	Verifiler Plus					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17				2	
4CRCVM	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
4D7WEC	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,13,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2,29.2	6,7,9,3	8,11,14
	15,16,17	10			2	
4ETQRR	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
4EYUKX	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
4F9YZ8	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

4HXEBN	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
4JMP7M	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
4JNH2A	Investigator® 24plex QS, FLEX PLEX 27					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	N/A	5,8,10	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17	N/A	
4KJXFR	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
4LDJJ7	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,24,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
4LLFXC	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
4N4RDR	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	-
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	-	6,7,9,3	8,11,14
	15,16,17	10	-	-	-	

TABLE 2

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

Item 3 - STR Results

4PJ7XV	PowerPlex® Fusion (TrueAllele)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,11,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
4PVZEV	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
4UC3UM	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
4V8KWN	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
4WV6NZ	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
62QBL3	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,14,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
63GM7U	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

63ZMZ	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
64QQX	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
67XE7	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
6978BA	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
6B9WUQ	PowerPlex® Fusion 6C (STRmix v. 2.8.0)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
6BQ876	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
6GDZFJ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

6H8NZE	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
6HB72J	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
6JMVBN	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
6KFWZY	PowerPlex® ESI 16 FAST					
	11,16,17.3	17,18,25	11,14	16,18		
3		10,13,15	13	16,17,18,19		9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	
	20,21,23,24				6,7,9.3	
	15,16,17					
6LU3MN	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,[10],11,12	10,13,15	13	[16],[17],18,19	8,12	9,12,14
	14,15,17,19	12,[13],15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,[24]			17,18,24.2,28.2	[6],7,9.3	8,11,14
	15,16,17	10			2	
6M7ZYK	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
6N2G73	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

6NXTXA	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
6Q3NBL	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
72F6K4	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
73DDV9	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
74QXNJ	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
78AZGW	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
794QTQ	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

7D9QMT	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7H7828	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7H9UR9	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
7HBENP	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7JYVVC	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
7JZ2WQ	Investigator® 24plex					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
7MXB4Y	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

7P332R	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7P9ALM	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7R2ZV9	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7WNZNT	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
83T4D8	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
89FR9X	GlobalFiler™ (STRmix 2.8)					
	11,15,16,16.3,17.3	16,17,18,24,25	10,11,13,14	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12	10,12,13,14,15	12,13	16,17,18,19	8,11,12	8,9,12,13,14
	14,15,16,17,18,19	11,12,13,14.2,15.2	31.2,32,32.2,33,33.2	11,12,13,14,15	X,Y	9,10,11,12
	19,20,21,22,23,24		2	16,17,17.2,18,23.2,24.2,27.2,28,28.2	6,7,9.3	8,11,14
	15,16,17	9,10			2	
8ACDHV	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

8CE34X	GlobalFiler™ (STRmix v2.8)					
	10,11,15,15.2,16,16.3,17.1,17.3	16,17,18,24,25	10,11,12,13,14,15	15,16,17,18	9,10,11,12,13,14	
3	8,9,10,11,12	9,10,12,13,14,15	12,13	15,16,17,18,19	7,8,11,12,13	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2,34.2	10,11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24			16,28,28.2,16.2,17,17.2,18,23.2,24,24.2,	5,6,7,9.3	7,8,10,11,13,14
	14,15,16,17	9,10			2	
8FF4BL	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
8N9DQX	GlobalFiler™ (STRmix 2.4)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
8QW7EY	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
8RAHAH	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
8XJUBP	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

8YCPR7	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
8YURG8	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
8Z89ZZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
92RLVM	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
92UDKH	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
92V7F6	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	N/A
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	N/A	N/A	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	N/A	N/A	N/A	
94L7X2	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,14,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,17.2,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

96RQGV	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
97MFQ4	GlobalFiler™ (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
982VYP	PowerPlex® Fusion (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
9AN932	Identifiler® Plus (STRmix v2.10.0)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
9EZDD3	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
9FC4JK	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,[15]	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,[13],15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
9G7K4U	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

9G8PCB	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
9GJKFV	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
9GPTNH	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
9HFWF4	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
9HHH76	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
9L63BA	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
9MV7QM	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

9PX8QK	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
9V7QUJ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	[16],17,18,19	8,12	9,[12],14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
9W36CW	GlobalFiler™ (STRmix v2.8)					
	10,11,15,16,16.3,17.1,17.3	16,17,18,24,25	10,11,12,13,14,15	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12,13	9,10,12,13,14,15	12,13	15,16,17,18,19	7,8,11,12,13	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	10,11,12,13,14,15,16	X,Y	9,10,11,12,13
	19,20,21,22,23,24			16,16.2,17,17.2,18,23.2,24,24.2,27.2,28,28.2	5,6,7,9.3	7,8,10,11,13,14
	14,15,16,17	10		2	2	
9WGME3	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
9Y62PJ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
9YPEP6	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,13**,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

9YPMFN	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
9Z3966	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
9ZGLUM	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
A2NGTJ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
A2TP3J	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
A4G7B7	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
A6DJXY	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,11,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

A6R9W6	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
A76JZP	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
A7HAZ8	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
A8XLN6	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,[32],32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		.2	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
AAFY4L	PowerPlex® 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
AAHLKY	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,[17],18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,[23],24			17,18,24.2,28.2	6,7,9.3	8,[11],14
	15,16,[17]	10			2	
ADM9BX	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,13,14
	14,15,16,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			16.2,17,17.2,18,24,24.2,28.2	6,7,9.3	8,11,13,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

AFBKCNCN	PowerPlex® Fusion (TrueAllele)					
	11,16,17,3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
AJ963E	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
ALUYXU	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
AMMMFP	PowerPlex® 6c					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
AMR4EN	Investigator® 24plex QS					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10				
AQDVP6	PowerPlex® Fusion 6C (STRMix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
AVX3YX	PowerPlex® Fusion 6C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

AXTL8Q	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
AZX82H	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
B3JC2D	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
B3K6QZ	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
B4AK2G	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
B4XXK3	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
B6PL74	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	N/A
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	N/A	N/A	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	N/A	N/A	N/A	

TABLE 2

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

Item 3 - STR Results

B7YVWF	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BAG6Y2	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
BC9Y74	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,[32],32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		.2	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BDJWCT	GlobalFiler™, MiniFiler					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BDWLE6	PowerPlex® Fusion 5C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
BEDKUN	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BGYB8E	Investigator® 24plex QS (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

BKEU2G	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BKYL3E	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BM6V6J	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BNYVZN	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BQPVCC	GlobalFiler™ (STRmix 2.8)					
	10,11,15,16,16.3,17.3	16,17,18,24,25	10,11,13,14	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12	9,10,12,13,14,15	12,13	16,17,18,19	8,11,12	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24			16,17,17.2,18,23.2,24.2,27.2,28.2	6,7,9.3	8,11,13,14
	14,15,16,17	9,10			2	
BQQP2Y	PowerPlex® 21 (STRmix 2.8.0)					
	11,16,17.3	17,18,25		16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15		16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17					

TABLE 2

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

Item 3 - STR Results

BRZP3K	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
BTBP3L	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BUNDDZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
BVGAPZ	VeriFiler Plus					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17				2	
C2YZQL	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
C4TKTZ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
C67BTG	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

C8NEGE	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
C8VH9Y	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	19,20	17		
C9JXF	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
CCHER3	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
CEM4WW	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	[8],12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,[11],12
	20,[21],23,[24]			17,18,[24.2],28.2	6,7,[9.3]	8,11,14
	15,16,17	10			2	
CFKC73	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
CGEWEV	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

CGRU3C		GlobalFiler™					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10			2		
CL9YW2		PowerPlex® Fusion 6C (TrueAllele)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10	20	17			
CL9ZYL		GlobalFiler™					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10			2		
CNWDLB		GlobalFiler™ (STRmix)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10			2		
CQJ78T		GlobalFiler™ (STRmix)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10			2		
CX3DWX		GlobalFiler™					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10			2		
CXZL83		PowerPlex® Fusion 6C (STRmix)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13		
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14	
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12	
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14	
	15,16,17	10	20	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

CY9VXE	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
CZ6AFT	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
D2EKVG	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
D2GDR4	Investigator® 24plex QS (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10				
D2XLHJ	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
D6GBKW	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
DAN8NH	PowerPlex® Fusion 6C (STRmix version 2.8)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

DB3E8D	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,[17],19	12,13,15.2	[31.2],32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DEKVCQ	GlobalFiler™ (STRmix v.2.4.06)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DGTNHC	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DHK2XN	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DJUWLL	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DMHEQT	GlobalFiler™ (STRmix 2.8.0)					
	10,11,15,16,16.3,17.3	16,17,18,24,25	10,11,13,14	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12	9,10,11,12,13,14,15	12,13	15,16,17,18,19	8,11,12	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	11,12,13,14,15	X,Y	9,10,11,12
	19,20,21,22,23,24			16,17,17.2,18,23.2,24.2,27.2,28.2	6,7,9.3	8,11,14
	14,15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

DPMRPF	GlobalFiler™					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DT3GTP	Investigator® 24plex QS					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	(8),12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
DTL88Q	Investigator® 24plex QS (STRmix)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
DUHYUA	PowerPlex® Fusion 6C (STRmix V2.5.11)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
DVDGWB	GlobalFiler™ (STRmix)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	NT
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NT	NT	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	NT	NT	2	
DXUQYG	PowerPlex® Fusion 6C (STRmix)					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
DXXHNC	GlobalFiler™					
3	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

DYCUNG	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
DZJ3UF	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
E2FQZH	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
E8ZUYY	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
E9ULT6	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
EAQYDD	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
EDA47V	Identifiler® Plus (STRmix v2.10)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					

TABLE 2

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

Item 3 - STR Results

EEHETC	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
EEZEWN	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
EFDXUD	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
EFU48H	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
EL3FBA	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	NT
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NT	NT	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	NT	NT	2	
ELHNBX	GlobalFiler™ (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
EP3TPM	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

EPHY6C	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
ER7B73	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
ER9Z9E	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
ERRXGL	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
EWGJBE	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,[12],14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
EYAAT2	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
EZZFXJ	Investigator® 24plex QS					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

F4A989	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
F732EZ	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
F7H7Y6	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
F8GCFY	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9,3	8,11,14
	15,16,17					
FA3FNW	PowerPlex® Fusion 6C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
FA62EX	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
FCREFN	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,14,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

FFMDCJ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
FGLJYV	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	N/A
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	N/A	N/A	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	N/A	N/A	N/A	
FK3VQU	GlobalFiler™					
3						
FLFFH4	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	[10],11,[12],13	
3	9,[10],11,[12]	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,[13],15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			[17],18,[24.2],28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
FLT7HM	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
FMPGHW	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
FN4U7E	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

FPGFV	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
FPUVAG	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
FQDTJM	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
FVHUDP	GlobalFiler™ (STRmix version 2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
FXBGJZ	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
FZWVBF	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
G4C3L9	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

G8CCWA	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
G976NM	GlobalFiler™ (STRmix 2.8)					
	11,15,16,16.3,17.3	16,17,18,25	10,11,13,14,15	15,16,17,18	10,11,12,13	
3	8,9,10,11,12	9,10,12,13,14,15	12,13	16,17,18,19	8,11,12,13	8,9,12,13,14
	14,15,17,18,19	11,12,13,14.2,15.2	31.2,32,32.2,33,33.2	11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24		2	16,17,17.2,18,24.2,27.2,28,28.2	6,7,9.3	8,10,11,13,14
	14,15,16,17	9,10			2	
GDH2HN	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
GET28J	GlobalFiler™					
	[11],16,17.3	17,18,[25]	[11],14	16,[18]	[10],11,[12],13	
3	9,[10],11,[12]	10,13,[15]	13	[16],[17],18,19	[8],12	9,[12],14
	[14],15,[17],19	12,[13],15.2	[31.2],[32.2],33,33.2	[11],[12],14,15	X,Y	10,[11],12
	20,[21],23,[24]			[17],18,[24.2],28.2	[6],7,[9.3]	[8],11,14
	15,[16],17	10			2	
GLDY8C	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
GLWRZA	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
GNGXZW	PowerPlex® Fusion 6C (STRMix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

GPV3VA	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
GR2HHU	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
GRJQAA	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
GTAZ2B	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,[12],14
	14,15,[17],19	12,13,15.2	31.2,32.2,33,33.2	11,[12],14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	[6],7,[9.3]	8,11,14
	15,16,17	10			2	
GU24RW	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
GU3PJX	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
GU7BEE	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

GU88GW	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
GWA8GU	GlobalFiler™ (STRMIX)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
GWUQM2	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
GX7HEH	PowerPlex® Fusion (TrueAllele)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
GXQ6AT	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,11,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,25.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
GYK6WW	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
H2JNEA	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

H2NXPA	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
H3CEWW	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
H4QZ9J	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
H8CJM9	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
HB6U88	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HC34HC	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HC4ZT8	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

HCFU98	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HCK6B7	GlobalFiler™ (STRmix version 2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	NT
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NT	NT	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	NT	NT	2	
HDT89X	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
HDYH3P	Identifiler® Plus (Genotyper 3.7)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
HE6748	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HGTH6X	PowerPlex® ESI17					
	11,16,17.3	17,18,25	11,14	16,18		
3		10,13,15	13,13	16,17,18,19		9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	
	15,16,17					
HHM9BC	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

HHN27Y	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10,10	20,20	17,17		
HJHT2X	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		2	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HMJPPR	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HTPJL9	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
HU6VA6	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
HUFMCU	PowerPlex® 6C (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
HUH93V	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

HVFMEF	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	NR
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NR	NR	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	NR	NR	2	
HW9HWH	GlobalFiler™ (strmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
HWADH9	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
HWQEMC	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
HZ9R6Y	PowerPlex® Fusion 5C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
J3AEXT	GlobalFiler™ (BulletProof Sentry)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
J3B2NU	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

J438TC	Identifiler® Plus (STR-mix)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
J6ZBZG	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
J7AF4H	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
J9YLWG	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JACCUC	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
JCZQHM	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JEPV7E	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

JTBC2	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JJWTE7	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JLLTTH	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
JLLYUW	PowerPlex® Fusion 5C (STRmix)					
	[11],16,17.3	17,18,25	[11],14	16,[18]	10,11,12,13	
3	9,10,11,12	10,13,[15]	13	16,17,18,19	[8],12	9,[12],14
	[14],15,[17],19	12,[13],15.2	31.2,32.2,33,33.2	[11],[12],14,15	X,Y	10,11,12
	20,[21],23,[24]	9,[11],12	5,[8],10,[11]		[6],7,[9.3]	8,11,14
	15,16,17	10				
JMFPZC	GlobalFiler™ (STRMIX)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JNPP6J	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JUGYMJ	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

JUWCY8	PowerPlex® Fusion 6C (STRMix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
JXG3FQ	Identifiler® Plus (STRmix version 2.10.0)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
JYBWUM	GlobalFiler™ (STRmix 2.8.0.34)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
JZ23FR	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
K6BHLA	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
K9R38P	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,[10],11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,[17],19	12,13,15.2	31.2,32.2,33,33.2	11,[12],14,15	X,Y	10,[11],12
	20,21,23,24			17,18,24.2,28.2	6,7,[9.3]	8,11,[14]
	15,16,17	10			2	
KAPBHU	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

KBJUQM	GlobalFiler™ (STRmix)					
	11,15,16,16.3,17.3	16,17,18,24,25	10,11,13,14	15,16,17,18	10,11,12,13	
	9,10,11,12	9,10,12,13,14,15	12,13	16,17,18,19	8,11,12	9,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	31.2,32,32.2,33,33.2	11,12,13,14,15	X,Y	10,11,12
	19,20,21,22,23,24			17,18,24.2,27.2,28.2	6,7,9.3	8,11,14
	14,15,16,17	9,10		2		
KCT3LF	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10		2		
KJANE6	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10		2		
KK3CXZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10		2		
KK7WPA	PowerPlex® Fusion 6C (STRmix version 2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
KLLAD7	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
KMV9K9	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10		2		

TABLE 2

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

Item 3 - STR Results

KP7ZVQ	Identifiler® Plus (STRmix v2.10.0)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
KPLJG9	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
KQBRKH	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
KQWBLJ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
KRQZUQ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
KTFHPC	NGM SElect					
	11,16,17.3	17,18,25	11,14	16,18		
3		10,13,15	13,13	16,17,18,19		9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	
	15,16,17					
KTJ8RN	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		2	17,18,24.2,28.2	6,7,9.3	8,11,13,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

L2QACZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
L3NCQ6	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,13,14
	15,16,17	10	20	17		
L4XF39	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
L6BVHG	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
L76KUB	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
LA34UN	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
LBGJAB	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

LC72ZA	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
LD2CCR	GlobalFiler™ (STRMIX)					
	11,16,17.3	17,18,24**,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,14**,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
LD448E	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
LD6XXK	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
LFBHV8	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
LHDHPD	PowerPlex® Fusion (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,13,14
	15,16,17	10				
LQNMNA	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

LQREE6	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
LT2A9A	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
LU9GLB	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
LUAK28	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
LW2HM8	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
LXPXUU	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
M7CJ2P	PowerPlex® Fusion 6C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

M7E7RQ	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
M8CK4A	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MA3F4C	PowerPlex® Fusion (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,13,14
	14,15,17,19	12,13,15.2	30.2,31.2,32.2,33,3.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,10,11,14
	15,16,17	10				
MC3YQW	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MFMLPB	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MGVEM	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MNW6XN	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

MPTHKG	VERSAPLEX 27PY					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	11,12,13
	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	-	6,7,9.3	8,11,14
	15,16,17	10	20	17	-	
MQ3L66	PowerPlex® Fusion 6C (STRmix)					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
MTUM98	GlobalFiler™					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MULQT2	GlobalFiler™					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MVKNCA	GlobalFiler™ (STRmix)					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		2	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
MWVQX9	Investigator® 24plex QS (STRmix)					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
MYHEA9	PowerPlex® Fusion 6C (STRmix)					
3	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

MYJ6MJ	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
N2LCEA	Investigator® 24plex QS					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
N2X9LZ	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
N3VE8Z	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
N4RW6V	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
N62Y4N	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
N7CW9H	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

NB9B8Z	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
NCJADH	GlobalFiler™ (STRmix 2.8.0)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
NFHKAH	GlobalFiler™ (STRmix v2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
NH9PVM	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
NHQRP3	PowerPlex® Fusion 6C (STRMix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,13,14
	15,16,17	10	20	17		
NKDF23	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
NKUQPN	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

NXK9P9	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
NZQTD9	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
P4NHJ8	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
P6HDZP	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
P7T8V4	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
P9HFYD	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PDAVAQ	PowerPlex®					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

PE3N7A	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PJ2282	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PJC2YG	GlobalFiler™ (STRmix 2.4.06)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PJFMG4	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PJVTYE	GlobalFiler™ (STRmix 2.8)					
	10,11,15,16,16.3,17.1,17.3	16,17,18,24,25	10,11,13,14,15	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12	9,10,12,13,14,15	12,13	15,16,17,18,19	7,8,10,11,12,13	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	10,11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24			16,28,28.2,16.2,17,17.2,18,23.2,24,24.2,	5,6,7,9.3	8,10,11,13,14
	14,15,16,17	9,10			2	
PKBXV7	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

PKR6YN	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
PLL63	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PLYJ49	Investigator® 24plex					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
PM4N6R	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PP37YD	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
PQGTCL	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
PQUBDQ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

PTZEE	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
PWLEKN	GlobalFiler™ (STRmix v. 2.6)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,27.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
PXKHAT	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
PYCLP7	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
PYUK44	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
Q2RPQN	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
Q39H8K	PowerPlex® 21					
	11,16,17,3	17,18,25		16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15		16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17					

TABLE 2

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

Item 3 - STR Results

Q7P4MX	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
Q87ZEX	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	NT
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NT	NT	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	NT	NT	2	
Q8ZY2B	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
QAAU8N	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
QBXFGQ	PowerPlex® Fusion 5C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
QCCWPC	Identifiler®					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9,3	8,11,14
	15,16,17					
QE3X2Z	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,15.2	31.2,32.2,33,33.2	11,12,14	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

QJE2MN	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
QKM4KF	GlobalFiler™ (STRmix 2.4.06)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
QKT97K	Identifiler® Plus, MiniFiler (STRmix v2.10)					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9,3	8,11,14
	15,16,17					
QPWG3E	GlobalFiler™ (STRmix 2.8)					
	10,11,15,16,16.3,17.1,17.3	16,17,18,24,25	10,11,13,14,15	15,16,17,18	9,10,11,12,13,14	
3	8,9,10,11,12	9,10,12,13,14,15	12,13	16,17,18,19	8,11,12,13	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24			16,16.2,17,17.2,18,23.2,24,24.2,27.2,28,28.2	6,7,9,3	8,10,11,13,14
	14,15,16,17	10		2	2	
QRKY87	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
QT24KP	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

QT4PF6	PowerPlex® Fusion 6C (STRmix)					
	[11],16,17.3	17,18,[25]	11,14	16,[18]	10,11,12,13	
3	9,10,11,12	10,13,[15]	13	[16],17,18,19	[8],12	9,[12],14
	14,15,17,19	12,[13],[15.2]	[31.2],32.2,33,33.2	11,12,14,15	X,[Y]	10,11,12
	20,21,23,24	9,[11],12	5,8,10,11	17,18,24.2,28.2	[6],7,[9.3]	8,11,14
	15,16,17	10	20	17		
QTKQGL	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
QVQB78	PowerPlex® Fusion (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
QXFE9Z	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
R2P4YM	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	N/A
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	N/A	N/A	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	N/A	N/A	N/A	
R34J89	PowerPlex® Fusion 6C, Signature Prep - Primer Set B (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
R697UY	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

R7KTKZ	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
RBV9MW	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
RDGRT2	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
RDL7EN	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
RG2TQ9	GlobalFiler™					
	11,16,17,3	17,18,[25]	11,14	16,[18]	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	[8],12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,[Y]	10,11,12
	20,21,23,24			17,18,24.2,28.2	[6],7,[9.3]	8,11,14
	15,16,17	10			2	
RJAWL6	Investigator® 24plex QS					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
RU9PY3	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

RUAM6R	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
RW2FFP	PowerPlex® Fusion 6C (STRMix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
RXUA47	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
T3YRF4	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
T6PNF7	PowerPlex® Fusion 5C (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12,13	9,12,13,14,16
	14,15,17,19	12,13,15.2	31.2,32,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
T7WCG3	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
T8P6BZ						
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

TD3WMZ	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
TKE2F6	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
TLAEE7	PowerPlex® Fusion (TrueAllele)					
	11,16,17,3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,13,14
	15,16,17	10				
TQ6BNH	PowerPlex® Fusion, 21, Fusion 6C, Verilifer Express					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	11,12,13
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17	2	
TQ6CQ3	PowerPlex® Fusion 6C (STRMix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
TRYWTG	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
TTP7M4	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,X,Y	10,11,12
	20,21,23,24				6,7,9,3	8,11,14
	15,16,17					

TABLE 2

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

Item 3 - STR Results

TWUVRX	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
TYGHKZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
TZELFG	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,[18]	[10],11,[12],13	
3	9,10,11,12	10,13,[15]	13	[16],[17],18,19	8,12	9,12,14
	[14],15,[17],19	12,13,15.2	[31.2],[32.2],33,33.2	[11],[12],14,15	X,Y	10,11,12
	20,21,23,[24]			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
U4MLRY	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
U62XPJ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
U63PLQ	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,[18]	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	[8],12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	[11,12],14,15	X,[Y]	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
U6KT8K	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

U7DPHK	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
U7FBAL	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
U96HV4	GlobalFiler™					
	[11],16,17.3	17,18,[25]	11,14	16,[18]	10,11,[12],13	
3	9,[10],11,[12]	[10],13,[15]	13,13	16,[17],18,19	[8],12	9,[12],[14]
	14,15,[17],19	12,[13],[15.2]	[31.2],32.2,33,33.2	[11],[12],14,15	X,[Y]	10,[11],[12]
	20,21,23,24			17,18,[24.2],28.2	[6],7,[9.3]	8,11,[14]
	[15],16,[17]	10			2	
UBBZ2Y	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
UE68WT	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
UERLKL	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,24,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,14.2,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
UG29JZ	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

UK2K8X	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
UL79K3	Investigator® 24plex QS (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
ULN9JX	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
UNQ9D3	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
UNVQB2	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
UPUM9C	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
UQ339H	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,[32],32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24		.2	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

UUPEJU	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
UX4BMB	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
V2DV3V	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
V2H76T	GlobalFiler™ (STRmix v2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	NT
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NT	NT	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	NT	NT	2	
V3AAK9	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
V8L2ZL	PowerPlex® Fusion5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
VGCKGF	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

VKQFYY	PowerPlex® Fusion 6C (StrMix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
VKVP9Y	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
VMGN39	GlobalFiler™ (STRmix 2.8)					
	10,11,15,15.2,16,16.3,17.1,17.3	16,17,18,24,25	10,11,12,13,14,15	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12	9,10,12,13,14,15	12,13	15,16,17,18,19	7,8,11,12,13	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	10,11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24			16,28,28.2,16.2,17,17.2,18,23.2,24,24.2,	5,6,7,9.3	8,10,11,13,14
	14,15,16,17	9,10			2	
VNPVGA	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
VQYUQV	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
VUFWXZ	Investigator® 24plex QS (STRmix v2.9.1)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

VWCJ7X	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
VW3MWJ	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
VW6ANK	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	17		
VWMHCF	GlobalFiler™ (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
VWNA93	PowerPlex® Fusion 5C (TrueAllele)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
VXVFT3	Investigator® 24plex QS					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10				
W4X32H	PowerPlex® Fusion 6C (STRmix)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	20	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

W6DENU	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
W9BWXU	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
WAMHLA	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
WBYD6G	PowerPlex® Fusion 5C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
WCDN7F	GlobalFiler™ (TrueAllele)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
WFU864	PowerPlex® 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
WGPQ76	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

WJW4UX	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
WMCFQE	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
WPKLBU	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
WQF66U	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
WT86FY	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
WUA6A4	Identifiler®					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
WV4473	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

WXAG74	Identifiler® Plus					
		17,18,[25]		16,[18]	10,11,12,13	
3	9,10,11,12	10,13,[15]			[8],12	9,[12],14
	14,15,17,19	12,[13],15.2	31.2,32.2,33,33.2		X,Y	10,[11],12
	20,[21],23,[24]				[6],7,[9.3]	8,11,14
	15,16,17					
X2AQZQ	GlobalFiler™ (STRMIX)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
X2TVA6	GlobalFiler™ IQC PCR Amplification Kit					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
X3JZNH	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
X3NEB7	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
X97MNU	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
XBGL4W	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

XG64JT	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
XK2W9H	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
XPC7BY	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
Y27J9B	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
Y33XV4	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
Y664WF	Investigator® 24plex QS					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10				
Y72JBX	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	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

Y7DFN4	PowerPlex® Fusion 5C					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
Y7GZ7Q	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
YBX3N4	GlobalFiler™					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
YCN84H	GlobalFiler™ (TrueAllele)					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10			2	
YFNGA6	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				
YHQJZE	Investigator® 24plex QS					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	N/A
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	N/A	N/A	17,18,24.2,28.2	6,7,9,3	8,11,14
	15,16,17	10	N/A	N/A	N/A	
YHT6QF	PowerPlex® Fusion					
	11,16,17,3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9,3	8,11,14
	15,16,17	10				

TABLE 2

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

Item 3 - STR Results

YLRFMF	PowerPlex® Fusion					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17	10				
YN3ETV	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
YREC86	GlobalFiler™ (STRmix 2.8)					
	11,15,16,16.3,17.3	16,17,18,25	10,11,13,14	15,16,18	10,11,12,13	
3	9,10,11,12	10,12,13,15	12,13	16,17,18,19	8,11,12	9,12,13,14
	14,15,17,18,19	11,12,13,14.2,15.2	31.2,32.2,33,33.2	11,12,13,14,15	X,Y	9,10,11,12
	19,20,21,22,23,24			16,17,18,23.2,24.2,27.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
YRHQWE	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
YVZ82P	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	NT
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	NT	NT	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	NT	NT	2	
YYFQVR	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
Z489L4	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

Z6XCJP	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
Z9ZCUA	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,17,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
ZAETVU	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
ZAWPG3	GlobalFiler™					
	{11},16,17.3	17,18,{25}	11,14	16,{18}	{10},11,{12},13	
3	9,{10},11,{12}	10,13,{15}	13	{16},{17},18,19	8,12	9,{12},14
	{14},15,{17},19	12,{13},15.2	{31.2}, {32.2},33,33.2	{11},{12},14,15	X,Y	10,{11},12
	20,{21},23,{24}			{17},18,{24.2},28.2	{6},7,{9.3}	8,11,14
	15,16,17	10			2	
ZDWXXM	Investigator® 24plex (STRmix)					
	[11],[16],17.3	17,[18],[25]	[11],14	16,[18]	10,11,12,13	
3	9,10,11,12	10,13,[15]	13	16,17,18,19	[8],12	9,[12],[14]
	14,15,17,19	12,[13],[15.2]	31.2,32.2,33,33.2	11,12,14,15	X,[Y]	10,[11],[12]
	20,21,23,24			[17],18,[24.2],28.2	[6],7,[9.3]	8,[11],[14]
	15,16,17	10				
ZEPWJV	Identifiler® Plus					
		17,18,25		16,18	10,11,12,13	
3	9,10,11,12	10,13,15			8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24				6,7,9.3	8,11,14
	15,16,17					
ZHPZPC	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

ZHTDGE	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
ZJZV6M	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
ZLCDPT	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
ZQ3Y6U	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
ZQGG7E	PowerPlex® Fusion 6C (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		
ZRU3V	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13,13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3 - STR Results

ZTBZE8	GlobalFiler™ (STRmix)					
	10,11,15,16,16.3,17.3	16,17,18,24,25	10,11,13,14	15,16,17,18	9,10,11,12,13	
3	8,9,10,11,12	9,10,12,13,14,15	12,13,14	15,16,17,18,19	8,11,12	8,9,11,12,13,14
	13,14,15,16,17,18,19	11,12,13,14.2,15.2	30.2,31.2,32,32.2,33,33.2	10,11,12,13,14,15,16	X,Y	9,10,11,12
	19,20,21,22,23,24			16,16.2,17,17.2,18,23.2,24.2,27.2,28.2	6,7,9.3	7,8,11,13,14
	14,15,16,17	9,10			2	
ZVGNLW	GlobalFiler™					
	11,16,17.3	17,(18),(25)	11,14	16,(18)	10,11,12,13	
3	9,10,11,12	(10),13,(15)	13,13	(16),17,18,(19)	(8),12	9,(12),14
	14,15,17,19	12,(13),15.2	31.2,32.2,33,33.2	11,12,14,15	X,(Y)	10,(11),(12)
	20,21,23,24			17,18,(24.2),28.2	(6),7,(9.3)	8,(11),14
	15,16,17	10			2	
ZYBDZ	PowerPlex® Fusion 6C					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11	17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10	20	17		

TABLE 2

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

Item 3e - STR Results

7ADTHV	GlobalFiler™					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3e	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	
7DCD47	PowerPlex® 21					
	11,16,17.3	17,18,25		16,18	10,11,12,13	11,12,13
3e	9,10,11,12	10,13,15		16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,15.2	31.2,32.2,33,33.2		X,Y	10,11,12
	20,21,23,24	9,11,12	5,8,10,11		6,7,9.3	8,11,14
	15,16,17					
VATEVG	GlobalFiler™ (STRmix)					
	11,16,17.3	17,18,25	11,14	16,18	10,11,12,13	
3e	9,10,11,12	10,13,15	13	16,17,18,19	8,12	9,12,14
	14,15,17,19	12,13,14.2,15.2	31.2,32.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,21,23,24			17,18,24.2,28.2	6,7,9.3	8,11,14
	15,16,17	10			2	

TABLE 2

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

Item 3sp - STR Results

7ADTHV	GlobalFiler™	
		14
3sp		
		7

7DCD47	PowerPlex® 21	
3sp		

VATEVG	GlobalFiler™ (STRmix)					
	16,17.3	17,18,25	11,14	16,18	11	
3sp	9,10,11,12	10,13,15	13	16,18	12	9
	14,15,17,19	12,15.2	31.2,33,33.2	11,12,14,15	X,Y	10,11,12
	20,23			18,24.2,28.2	7	14
	15,16				2	

TABLE 2

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

Item 4 - STR Results

222Z9P	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
23TXUQ	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
287QPA	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
287QQV	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
28JHGR	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
2AAL9D	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
2AC9YE	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

2B63MV	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
2B9LL8	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
2ELPZZ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
2GPEDW	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
2HP8FV	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
2JUVTZ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
2LKWXN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

2P9HQQ	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
2QJ9VA	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
2QWYXD	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
2QYRHR	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
2RAKJL	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
2V7CFC	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
2VP4DN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

2WMAYN	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
2WMCNT	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
2YTWLF	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
32CBD9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
376F4R	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
39YWP2	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
3B2WKR	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		

TABLE 2

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

Item 4 - STR Results

3BLPEP	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
3CCVZU	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3E262A	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3EYHA9	GlobalFiler™ (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3FD4X6	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3HYN39	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3JFV9Q	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

3JRKE9	Verifiler Plus					
	16,17.3	17,24	10	15	11,12	10,11
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16				2	
3MTN4A	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3MVAUB	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
3NMGYT	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
3V4QPB	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3V8EP2	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
3VQ9PQ	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

3W238X	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
3XDZG9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
3XYK8T	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
3YA9RD	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
3ZYV7L	GlobalFiler™					
	16,17.3	17,24	10,10	15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16	10			2	
42QYL2	GlobalFiler™ (STRmix v2.8.0)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
466URC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

467R38	Verifiler Plus					
	16,17.3	17,24	10	15	11,12	10,11
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16				2	
4CRCVM	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
4D7WEC	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4ETQRR	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
4EYUKX	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4F9YZ8	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
4HXEBN	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

4JMP7M	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4JNH2A	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	N/A
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	N/A	N/A	14,18	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
4KJXFR	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
4LDJJ7	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4LLFXC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4N4RDR	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	-
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	-	7,9.3	8,11
	16,16	10	-	-	-	
4PJ7XV	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

4PVZEV	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4UC3UM	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
4V8KWN	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
4WV6NZ	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
62QBL3	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15,16	X,Y	10,13,14
	26			14,18	7,9.3	8,11
	16	10			2	
63GM7U	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
63ZMZX	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				

TABLE 2

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

Item 4 - STR Results

64QQXK	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
67XE7	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
6978BA	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
6B9WUQ	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
6BQ876	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
6GDZFJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
6H8NYE	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

6HB72J	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
6JMVBN	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
6KFWZY	PowerPlex® ESI 16 FAST					
	16,17.3	17,24	10	15		
4		10,14	13,15	18,21		11,12
	15,17	13,13.2	29,30	11,15	X,Y	
	26				7,9.3	
	16					
6LU3MN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
6M7ZYK	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
6N2G73	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
6NXTXA	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

6Q3NBL	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
72F6K4	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
73DDV9	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
74QXNJ	Investigator® 24plex QS					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
78AZGW	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
794QTQ	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
7D9QMT	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

7H7828	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
7H9UR9	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
7HBENP	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
7JYVC	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
7JZ2WQ	Investigator® 24plex					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
7MXB4Y	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
7P332R	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

7P9ALM	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
7R2ZV9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
7WNZNT	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
83T4D8	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
89FR9X	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	11,14,15,16	X,Y	10,12,13
	25,26,27			13,13.2,14,17,18	6,7,8,3,9.3	8,11
	15,16	10			2	
8ACDHV	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
8CE34X	GlobalFiler™ (STRmix v2.8)					
	15,15.2,16,16.3,17.1,17.3	16,17,23,24	9,10	14,15,16	10,11,12,13	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,11,12,13,14	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	9,10,12,13
	24,25,26,27			13,13.2,14,17,17.2,18,19	6,7,8,3,9.3	7,8,10,11
	15,16	9,10			2	

TABLE 2

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

Item 4 - STR Results

8FF4BL	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
8N9DQX	GlobalFiler™ (STRmix 2.4)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
8QW7EY	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
8RAHAH	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
8XJUBP	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
8YCPR7	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
8YURG8	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

8Z89ZZ	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
92RLVM	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
92UDKH	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
92V7F6	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	N/A
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	N/A	N/A	14,18	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
94L7X2	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
96RQGV	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
97MFQ4	GlobalFiler™ (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

982VYP	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
9AN932	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
9EZDD3	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
9FC4JK	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
9G7K4U	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
9G8PCB	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
9GJKFV	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

9GPTNH	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
9HFWF4	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
9HHH76	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
9L63BA	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
9MV7QM	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
9PX8QK	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
9V7QUJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

9W36CW	GlobalFiler™ (STRmix v2.8)					
	15,15.2,16,16.3,17.1,17.3,18.3	16,17,23,24	9,10,11	13,14,15,16	10,11,12,13	
4	7,8	9,10,13,14,15	12,13,14,15	17,18,20,21	9,10,11,12,13,14	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,12,14,15,16	X,Y	9,10,11,12,13,14
	24,25,26,27			13,13.2,14,15,16,17,17.2,18,19	6,7,8,3,9.3	7,8,10,11
	14,15,16	10			2	
9WGME3	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
9Y62PJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
9YPEP6	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
9YPMFN	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16,16	10			2	
9Z3966	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
9ZGLUM	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

A2NGTJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
A2TP3J	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
A4G7B7	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
A6DJXY	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12,13	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,17.2,18	7,9.3	8,11
	16	10			2	
A6R9W6	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
A76JZP	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
A7HAZ8	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

A8XLN6	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
AAFY4L	PowerPlex® 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
AAHLKY	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
ADM9BX	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
AFBKCN	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
AJ963E	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
ALUYXU	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

AMMMFP	PowerPlex® 6c					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
AMR4EN	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
AQDVP6	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
AVX3YX	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
AXTL8Q	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
AZX82H	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
B3JC2D	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

B3K6QZ	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
B4AK2G	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
B4XXK3	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
B6PL74	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	N/A
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	N/A	N/A	14,18	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
B7YVWF	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
BAG6Y2	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
BC9Y74	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

BDJWCT	GlobalFiler™, MiniFiler					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
BDWLE6	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
BEDKUN	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
BGYB8E	Investigator® 24plex QS					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
BKEU2G	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
BKYL3E	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
BM6V6J	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

BNYVZN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
BQPVCC	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	9,10,12,13
	25,26			13,14,17,18	7,9.3	8,11
	15,16	9,10			2	
BQQP2Y	PowerPlex® 21 (STRmix 2.8.0)					
	16,17.3	17,24		15,15	11,12	10,11
4	8,8	10,14		18,21	10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16					
BRZP3K	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
BTBP3L	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
BUNDDZ	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
BVGAPZ	VeriFiler Plus					
	16,17.3	17,24	10	15	11,12	10,11
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16				2	

TABLE 2

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

Item 4 - STR Results

C2YZQL	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
C4TKTZ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
C67BTG	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
C8NEGE	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
C8VH9Y	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
C9JXF	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
CCHER3	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

CEM4WW	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
CFKC73	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
CGEWEV	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
CGRU3C	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
CL9YW2	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
CL9ZYL	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
CNWDLB	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

CQJ78T	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
CX3DWX	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
CXZL83	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
CY9VXE	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
CZ6AFT	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
D2EKVG	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
D2GDR4	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				

TABLE 2

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

Item 4 - STR Results

D2XLHJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
D6GBKW	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
DAN8NH	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
DB3E8D	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
DEKVCQ	GlobalFiler™ (STRmix v.2.4.06)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
DGTNHC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
DHK2XN	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

DJUWLL	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
DMHEQT	GlobalFiler™ (STRmix 2.8.0)					
	15,16,16.3,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	11,14,15,16	X,Y	9,10,12,13
	25,26			13,13.2,14,17,17.2,18	7,9.3	8,11
	15,16	9,10			2	
DPMRPF	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
DT3GTP	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
DTL88Q	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
DUHYUA	PowerPlex® Fusion 6C (STRmix V2.5.11)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
DVDGWB	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	NT
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	NT	NT	14,18	7,9.3	8,11
	16	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 4 - STR Results

DXUQYG	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
DXXHNC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
DYCUNG	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
DZJ3UF	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
E2FQZH	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
E8ZUYY	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
E9ULT6	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

EAQYDD	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
EDA47V	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
EEHETC	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
EEZEWN	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
EFDXUD	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
EFU48H	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
EL3FBA	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	NT
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	NT	NT	14,18	7,9.3	8,11
	16	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 4 - STR Results

ELHNBX	GlobalFiler™ (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
EP3TPM	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
EPHY6C	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
ER7B73	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
ER9Z9E	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
EWGJBE	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
EYAAT2	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

EZZFXJ	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
F4A989	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
F732EZ	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
F7H7Y6	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
F8GCFY	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
FA3FNW	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
FA62EX	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

FCREFN	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
FFMDCJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
FGLJYV	Investigator® 24plex QS, Flex Plex 27					
	16,17.3	17,24	10,10	15,15	11,12	10,11
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	N/A	12,14	14,18	7,9.3	8,11
	16,16	10	17	16	N/A	
FK3VQU	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
FLFFH4	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
FLT7HM	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
FMPGHW	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

FN4U7E	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
FPGFW	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
FPUVAG	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
FQDTJM	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
FVHUDP	GlobalFiler™ (STRmix version 2.8)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
FXBGJZ	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
FZWBFV	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				

TABLE 2

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

Item 4 - STR Results

G4C3L9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
G8CCWA	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
G976NM	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	9,10,12,13
	24,25,26,27			13,13.2,14,17,17.2,18	6,7,8,3,9.3	8,10,11
	15,16	9,10			2	
GDH2HN	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
GET28J	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
GLDY8C	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
GLWRZA	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

GNGXZW	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
GPV3VA	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10		2		
GR2HHU	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
GRJQAA	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
GTAZ2B	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10		2		
GU24RW	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10		2		
GU3PJX	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

GU7BEE	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
GWA8GU	GlobalFiler™ (STRMIX)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
GWUQM2	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
GX7HEH	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
GXQ6AT	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
GYK6WW	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
H2JNEA	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	[18],21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	[7],9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

H2NXPA	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
H3CEWW	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
H4QZ9J	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
H8CJM9	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
HB6U88	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
HC34HC	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
HC4ZT8	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

HCFU98	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
HCK6B7	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	NT
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	NT	NT	14,18	7,9.3	8,11
	16	10	NT	NT	2	
HDT89X	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
HDYHZP	Identifiler® Plus (Genotyper 3.7)					
		17,24		15	11,12	
4	8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26				7,9.3	8,11
	16					
HE6748	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
HGTH6X	PowerPlex® ESI17					
	16,17.3	17,24	10,10	15,15		
4		10,14	13,15	18,21		11,12
	15,17	13,13.2	29,30	11,15	X,Y	
	26,26			14,18	7,9.3	
	16,16					
HHM9BC	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

HHN27Y	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10,10	17,17	16,16		
HJHT2X	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
HMJPPR	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
HTPJL9	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
HU6VA6	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
HUFMCU	PowerPlex® 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
HUH93V	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

HVFMEF	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	NR
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	NR	NR	14,18	7,9.3	8,11
	16,16	10	NR	NR	2	
HW9HWH	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
HWADH9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
HWQEMC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
HZ9R6Y	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
J3AEXT	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
J3B2NU	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

J438TC	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
J6ZBZG	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
J7AF4H	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
J9YLWG	GlobalFiler™, Signature Prep-Primer Set B					
	16,17.3	17,24	10	15	11,12	10,11
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16	2	
JACCUC	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
JCZQHM	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
JEPV7E	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

JTBC2	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
JJWTE7	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
JLLTTH	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
JLLYUW	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
JMFPZC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
JNPP6J	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
JTJKYQ	GlobalFiler™, MiniFiler, ArgusX					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

JUGYMJ	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
JUWCY8	PowerPlex® Fusion 6C (STRMix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
JXG3FQ	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
JYBWUM	GlobalFiler™ (STRmix 2.8.0.34)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
JZ23FR	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
K6BHLA	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
K9R38P	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

KAPBHU	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
KBJUQM	GlobalFiler™ (STRmix)					
	15,16,16.3,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	11,14,15	X,Y	9,10,12,13
	25,26			13,13.2,14,17,17.2,18	7,9.3	8,11
	15,16	9,10			2	
KCT3LF	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
KJANE6	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
KK3CXZ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
KK7WPA	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
KLLAD7	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

KMV9K9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
KP7ZVQ	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
KPLJG9	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
KQBRKH	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
KQWBLJ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
KRQZUQ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
KTFHPC	NGM SElect					
	16,17.3	17,24	10,10	15,15		
4		10,14	13,15	18,21		11,12
	15,17	13,13.2	29,30	11,15	X,Y	
	26,26			14,18	7,9.3	
	16,16					

TABLE 2

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

Item 4 - STR Results

KTJ8RN	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14,15	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
L2QACZ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
L3NCQ6	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
L4XF39	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
L6BVHG	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
L76KUB	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
LA34UN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

LBGJAB	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
LC72ZA	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
LD2CCR	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
LD448E	PowerPlex® 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
LD6XXK	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
LFBHV8	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
LHDHPD	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

LQNMNA	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
LQREE6	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
LT2A9A	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
LU9GLB	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
LUAK28	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
LW2HM8	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
LXPXUU	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

M7CJ2P	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
M7E7RQ	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
M8CK4A	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
MA3F4C	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
MC3YQW	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
MFMLPB	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
MGWEM	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

MNW6XN	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
MPTHKG	VERSAPLEX 27PY					
	16,17.3	17,24	10,10	15,15	11,12	10,11
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	-	7,9.3	8,11
	16,16	10	17	16	-	
MQ3L66	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
MTUM98	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
MULQT2	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
MVKNCA	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
MWVQX9	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

MYHEA9	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
MYJ6MJ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
N2LCEA	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
N2X9LZ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
N3VE8Z	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
N4RW6V	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
N62Y4N	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

N7CW9H	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
NB9B8Z	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
NCJADH	GlobalFiler™ (STRmix 2.8.0)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
NFHKAH	GlobalFiler™ (STRmix v2.8)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
NH9PVM	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
NHQRP3	PowerPlex® Fusion 6C (STRMix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
NKDF23	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

NKUQPN	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
NXK9P9	Identifiler® Plus					
		17,24		15,15	11,11	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
NZQTD9	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
P4NHJ8	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
P6HDZP	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
P7T8V4	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
P9HFYD	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

PDAVAQ	PowerPlex®					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
PE3N7A	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PJ2282	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PJC2YG	GlobalFiler™ (STRmix 2.4.06)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PJFMG4	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PJVTYE	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3,17.1,17.3	16,17,23,24	9,10	14,15	10,11,12,13	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,11,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	9,10,12,13
	24,25,26,27			13,13.2,14,17,17.2,18	6,7,8,3,9.3	8,10,11
	15,16	9,10			2	
PKBXV7	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

PKR6YN	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
PLL63	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
PLYJ49	Investigator® 24plex					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
PM4N6R	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13,14
	26			14,18	7,9.3	8,11
	16	10			2	
PP37YD	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PQGTCL	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
PQUBDQ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

PTZEE	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PWLEKN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
PXKHAT	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
PYCLP7	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
PYUK44	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
Q2RPQN	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
Q39H8K	PowerPlex® 21					
	16,17.3	17,24		15,15	11,12	10,11
4	8,8	10,14		18,21	10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16					

TABLE 2

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

Item 4 - STR Results

Q7P4MX	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
Q87ZEX	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	NT
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	NT	NT	14,18	7,9.3	8,11
	16	10	NT	NT	2	
Q8ZY2B	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
QAAU8N	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
QBXFGQ	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
QCCWPC	Identifiler®					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
QE3X2Z	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

QJE2MN	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
QKM4KF	GlobalFiler™ (STRmix 2.4.06)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
QKT97K	Identifiler® Plus, MiniFiler					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
QPWG3E	GlobalFiler™ (STRmix 2.8)					
	15,15.2,16,16.3,17.1,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	9,10,12,13
	24,25,26,27			13,13.2,14,17,17.2,18	6,7,8,3,9.3	8,10,11
	15,16	10			2	
QRKY87	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
QT24KP	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
QT4PF6	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

QTKQGL	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
QVQB78	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
QXFE9Z	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
R2P4YM	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	N/A
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	N/A	N/A	14,18	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
R34J89	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	16,17.3	17,24	10	15	11,12	10,11
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
R697UY	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
R7KTKZ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

RBV9MW	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
RDGRT2	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
RDL7EN	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
RG2TQ9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
RJAWL6	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
RU9PY3	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
RUAM6R	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

RW2FFP	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
RXUA47	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
T3YRF4	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
T6PNF7	PowerPlex® Fusion 5C (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
T7WCG3	PowerPlex® Fusion 6C (STRmix 2.8)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
T8P6BZ						
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
TD3WMZ	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

TKE2F6	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
TLAEE7	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
TQ6BNH	PowerPlex® Fusion, 21, Fusion 6C, Verifiler Express					
	16,17.3	17,24	10	15	11,12	10,11
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16	2	
TQ6CQ3	PowerPlex® Fusion 6C (STRMix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
TRYWTG	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
TTP7M4	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
TWUVRX	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

TYGHKZ	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
TZELFG	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
U4MLRY	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
U62XPJ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
U63PLQ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
U6KT8K	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
U7DPHK	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

U7FBAL	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
U96HV4	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
UBBZ2Y	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
UE68WT	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
UERLKL	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
UG29JZ	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
UK2K8X	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

UL79K3	Investigator® 24plex QS (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
ULN9JX	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
UNQ9D3	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
UNVQB2	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
UPUM9C	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
UQ339H	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
UUPEJU	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		

TABLE 2

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

Item 4 - STR Results

UX4BMB	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
V2DV3V	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
V2H76T	GlobalFiler™ (STRmix v.2.8)					
	16,17.3	17,24	10	15	11,12	NT
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	NT	NT	14,18	7,9.3	8,11
	16	10	NT	NT	2	
V3AAK9	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
V8L2ZL	PowerPlex® Fusion5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16,16	10				
VATEVG	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
VGCKGF	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

VKQFYY	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
VKVP9Y	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
VMGN39	GlobalFiler™ (STRmix 2.8)					
	15,15.2,16,16.3,17.1,17.3	16,17,23,24	9,10,11	14,15	10,11,12,13	
4	7,8	9,10,13,14,15	12,13,14,15	17,18,20,21	9,10,12,13,14	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	9,10,11,12,13
	24,25,26,27			13,13.2,14,17,17.2,18,19	6,7,8,3,9.3	7,8,10,11
	15,16	9,10			2	
VNPVGA	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
VQYUQV	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
VUFWXZ	Investigator® 24plex QS (STRmix v2.9.1)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10				
WCJ7X	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

VW3MWJ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
VW6ANK	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
VWMHCF	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
VWNA93	PowerPlex® Fusion 5C (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
VXVFT3	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
W4X32H	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
W6DENU	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

W9BWXU	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
WAMHLA	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
WBYD6G	PowerPlex® Fusion 5C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
WCDN7F	GlobalFiler™ (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
WFU864	PowerPlex® 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
WGPQ76	PowerPlex® Fusion, MiniFiler					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
WJW4UX	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	

TABLE 2

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

Item 4 - STR Results

WMCFQE	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
WPKLBU	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
WQF66U	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
WT86FY	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
WUA6A4	Identifiler®					
		17,24		15	11,12	
4	8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26				7,9.3	8,11
	16					
WV4473	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
WXAG74	Identifiler®					
		17,24		15	11,12	
4	8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26				7,9.3	8,11
	16					

TABLE 2

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

Item 4 - STR Results

X2AQZQ	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
X2TVA6	GlobalFiler™ IQC PCR Amplification Kit					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
X3JZNH	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
X3NEB7	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
X97MNU	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
XBGL4W	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
XG64JT	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4 - STR Results

XK2W9H	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
XPC7BY	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
Y27J9B	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13,14
	26			14,18	7,9.3	8,11
	16	10			2	
Y33XV4	PowerPlex® Fusion, MiniFiler					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
Y664WF	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
Y72JBX	PowerPlex® Fusion 6C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14	14,18	7,9.3	8,11
	16,16	10	17	16		
Y7DFN4	PowerPlex® Fusion 5C					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				

TABLE 2

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

Item 4 - STR Results

Y7GZ7Q	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
YBX3N4	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
YCN84H	GlobalFiler™ (TrueAllele)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
YFN6A6	PowerPlex® Fusion					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16	10				
YHQJZE	Investigator® 24plex QS					
	16,17.3	17,24	10,10	15,15	11,12	N/A
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26	N/A	N/A	14,18	7,9.3	8,11
	16,16	10	N/A	N/A	N/A	
YHT6QF	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				
YLR6MF	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	10				

TABLE 2

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

Item 4 - STR Results

YN3ETV	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
YREC86	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3,17.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	18,20,21	9,10,12,13	11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	11,14,15	X,Y	9,10,12,13
	25,26,27			13,14,17,18	6,7,8,3,9.3	8,11
	15,16	9,10			2	
YRHQWE	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
YRJN8A	GlobalFiler™, ArgusX, MiniFiler					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
YVZ82P	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	NT
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	NT	NT	14,18	7,9.3	8,11
	16	10	NT	NT	2	
YYFQVR	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
Z489L4	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

Z6XCJP	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
Z9ZCUA	GlobalFiler™ (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
ZAETVU	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
ZAWPG3	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
ZDWXXM	Investigator® 24plex (STRmix)					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10				
ZEPWJV	Identifiler® Plus					
		17,24		15,15	11,12	
4	8,8	10,14			10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26				7,9.3	8,11
	16,16					
ZHPZPC	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	

TABLE 2

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

Item 4 - STR Results

ZHTDGE	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
ZJZV6M	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
ZLCDPT	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
ZQ3Y6U	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
ZQGG7E	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		
ZRU3V	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
ZTBZE8	GlobalFiler™ (STRmix)					
	15,16,16.3,17.3,18.3	16,17,23,24	9,10	14,15	10,11,12	
4	7,8	9,10,13,14	12,13,14,15	17,18,20,21	9,10,12,13	10,11,12
	14,15,16,17	12,12.2,13,13.2	28,29,30	10,11,14,15,16	X,Y	10,12,13
	25,26			13,13.2,14,17,17.2,18,19	7,9.3	8,10,11
	15,16	9,10			2	

TABLE 2

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

Item 4 - STR Results

ZVGNLW	GlobalFiler™					
	16,17.3	17,24	10,10	15,15	11,12	
4	8,8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26,26			14,18	7,9.3	8,11
	16,16	10			2	
ZYDBDZ	PowerPlex® Fusion 6C					
	16,17.3	17,24	10	15	11,12	
4	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14	14,18	7,9.3	8,11
	16	10	17	16		

TABLE 2

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

Item 4e - STR Results

3PKJ7X	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4e	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
7ADTHV	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4e	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
7DCD47	PowerPlex® 21					
	16,17.3	17,24		15,15	11,12	10,11
4e	8,8	10,14		18,21	10,13	11,12
	15,17	13,13.2	29,30		X,Y	10,13
	26,26	11,15	12,14		7,9.3	8,11
	16,16					
ERRXGL	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4e	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
GU88GW	PowerPlex® Fusion					
	16,17.3	17,24	10	15	11,12	
4e	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26	11,15	12,14		7,9.3	8,11
	16	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 4sp - STR Results

3PKJ7X	GlobalFiler™					
	16,17.3	17,24	10	15	11,12	
4sp	8	10,14	13,15	18,21	10,13	11,12
	15,17	13,13.2	29,30	11,15	X,Y	10,13
	26			14,18	7,9.3	8,11
	16	10			2	
7ADTHV	GlobalFiler™					
4sp						
		13.2				
				18	7	
7DCD47	PowerPlex® 21					
4sp						
ERRXGL	GlobalFiler™					
	17.3	17,24	10	15	NR	
4sp	8	NR	13	18,21	10,13	NR
	17	NR	NR	NR	X	NR
	NR			14,18	NR	8
	NR	NR			2	
GU88GW	PowerPlex® Fusion					
	16	17,24	10	15		
4sp		10,14			10	11,12
	15,17	13,13.2	30		X,Y	13
	26	15			7,9.3	8
	16	10				

YSTR Amplification Kit(s) & Results

TABLE 3

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

Item 2 - YSTR Results

287QPA	Yfiler™								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
28JHGR	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
2GPEW	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
2QYRHR	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
2WMAYN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3EYHA9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3HYN39	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3JRKE9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3PKJ7X	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
3XDZG9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
467R38	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
4CRCVM	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
4D7WEC	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
4HXEBN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
4KJXFR	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
4LLFXC	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
4PJ7XV	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
4V8KWN	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
62QBL3	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
64QQXK	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
6978BA	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
6B9WUQ	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
6HB72J	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11

TABLE 3

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

Item 2 - YSTR Results

6KFWZY	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
6LU3MN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
6M7ZYK	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
78AZGW	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
794QTQ	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
7DCD47	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
7JYVC	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
7MXB4Y	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
7R2ZV9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
83T4D8	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
8ACDHV	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
8FF4BL	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		

TABLE 3

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

Item 2 - YSTR Results

8RAHAH	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
8XJUBP	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
8YURG8	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9AN932	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9GPTNH	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9HFWF4	Yfiler™								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
9MV7QM	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9V7QUJ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9Y62PJ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9YPMFN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
9Z3966	Yfiler™								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
A2NGTJ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 2 - YSTR Results

A4G7B7	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
A7HAZ8	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
A8XLN6	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
AFBKCN	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
AJ963E	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ALUYXU	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
AVX3YX	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
B4AK2G	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
B4EV4E	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
B4XXK3	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
BC9Y74	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
BGYB8E	Yfiler™								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
BKYL3E	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
BNYVZN	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
BUNDDZ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
BVGAPZ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
C8NEGE	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
C9JXF	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
CGRU3C	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
CL9YW2	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
CPR3RD	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
CY9VXE	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
D2GDR4	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
DHK2XN	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 2 - YSTR Results

DJUWLL	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
DPMRPF	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
DTL88Q	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
E2FQZH	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
		14	10	11	19	17	15		22
		12	13	20	17		21	12	11
EDA47V	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
EEZEWN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ELHNBX	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ERRXGL	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
		14	10	11	19	17	15		22
		12	13	20	17		21	12	11
EWGJBE	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
F4A989	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
FA3FNW	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
		14	10	11	19	17	15		22
		12	13	20	17		21	12	11
FFMDCJ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 2 - YSTR Results

FPGFVV	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
FQDTJM	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
FVHUDP	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
G8CCWA	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GLWRZA	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GPV3VA	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GTAZ2B	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GU24RW	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GWA8GU	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GX7HEH	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19	17	15			22
		12	13	20	17		21	12	11
GXQ6AT	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GYK6WW	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 2 - YSTR Results

H2JNEA	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
H4QZ9J	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
H8CJM9	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
HC4ZT8	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HCFU98	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HDYHZP	Yfiler™								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
HTPJL9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HUFMCU	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
HWADH9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HZ9R6Y	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
J3AEXT	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
J6ZBZG	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11

TABLE 3

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

Item 2 - YSTR Results

J9YLWG	PowerPlex® Y 23, SignaturePrep-Primer Set B								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15	9	22
		12	13	20	17		21	12	11
JACCUC	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
JEPV7E	Yfiler™								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
JJWTE7	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JLLYUW	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
JMFPZC	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JNPP6J	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JTJKYQ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JUGYMJ	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JZ23FR	Yfiler™								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
K6BHLA	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
KCT3LF	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
KJANE6	Yfiler™ Plus									
2	35,37	13	16,17	13	30	24	10	11	13	
	14	10	11	19	32	17	15	9	22	
	40	12		20	17	22	21		11	
KK7WPA	PowerPlex® Y 23									
2		13	16,17	13	30	24	10	11	13	
	14	10	11	19		17	15		22	
		12	13	20	17		21	12	11	
KP7ZVQ	Yfiler™ Plus									
2	35,37	13	16,17	13	30	24	10	11	13	
	14	10	11	19	32	17	15	9	22	
	40	12		20	17	22	21		11	
KPLJG9	Yfiler™ Plus									
2	35,37	13	16,17	13	30	24	10	11	13	
	14	10	11	19	32	17	15	9	22	
	40	12		20	17	22	21		11	
KQBRKH	Yfiler™ Plus PCR Amplification Kit									
2	35,37	13	16,17	13	30	24	10	11	13	
	14	10	11	19	32	17	15	9	22	
	40	12		20	17	22	21		11	
KRQZUQ	Yfiler™									
2		13	16,17	13	30	24	10	11	13	
	14	10	11	19		17	15			
							21		11	
L3NCQ6	PowerPlex® Y 23									
2		13	16,17	13	30	24	10	11	13	
	14	10	11	19		17	15		22	
		12	13	20	17		21	12	11	
L76KUB	Yfiler™ Plus Direct Mode									
2	35,37	13	16,17	13	30	24	10	11	13	
	14	10	11	19	32	17	15	9	22	
	40	12		20	17	22	21		11	
LBGJAB	PowerPlex® Y 23									
2		13	16,17	13	30	24	10	11	13	
	14	10	11	19		17	15		22	
		12	13	20	17		21	12	11	
LD448E	Yfiler™ Plus									
2	35,37	13	16,17	13	30	24	10	11	13	
	14	10	11	19	32	17	15	9	22	
	40	12		20	17	22	21		11	
LHDHPD	PowerPlex® Y 23									
2		13	16,17	13	30	24	10	11	13	
	14	10	11	19		17	15		22	
		12	13	20	17		21	12	11	
LXPXUU	PowerPlex® Y 23									
2		13	16,17	13	30	24	10	11	13	
	14	10	11	19		17	15		22	
		12	13	20	17		21	12	11	

TABLE 3

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

Item 2 - YSTR Results

M7CJ2P	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
M7E7RQ	Yfiler™								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	
MFMLPB	Yfiler™ Plus Direct Mode								
2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed		Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
MNW6XN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
MPTHKG	PowerPlex® Y 23								
2	-	13	16,17	13	30	24	10	11	13
	14	10	11	19	-	17	15	-	22
	-	12	13	20	17	-	21	12	11
MULQT2	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
MWVQX9	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
N3VE8Z	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
NFHKAH	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
NH9PVM	Yfiler™								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	
NHQRP3	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	

TABLE 3

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

Item 2 - YSTR Results

NKDF23	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
P4NHJ8	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
P9HFYD	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PE3N7A	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PJ2282	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PJFMG4	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PKR6YN	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
PLLV63	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PM4N6R	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PP37YD	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PXKHAT	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
Q39H8K	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
Q7P4MX	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
QAAU8N	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
QE3X2Z	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
QJE2MN	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
QT24KP	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
QVQB78	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
R34J89	PowerPlex® Y 23, Signature Prep - Primer Set B								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15	9	22
		12	13	20	17		21	12	11
R7KTKZ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
RG2TQ9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
RW2FFP	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
TLAEE7	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
TQ6BNH	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11

TABLE 3

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

Item 2 - YSTR Results

TQ6CQ3	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
U4MLRY	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
U62XPJ	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
U6KT8K	Yfiler™								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	
UK2K8X	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
UL79K3	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
ULN9JX	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
UX4BMB	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
V2DV3V	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
V3AAK9	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
V8L2ZL	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
VPHKR3	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	

TABLE 3

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

Item 2 - YSTR Results

VQYUQV	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
VUFWXZ	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
WCJ7X	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
VW6ANK	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
VWMHCF	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
VWNA93	PowerPlex® Y 23								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
WAMHLA	Yfiler™								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
WCDN7F	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
WMCFQE	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
WT2X8B	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
WUA6A4	Yfiler™								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	
WXAG74	Yfiler™								
2	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	

TABLE 3

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

Item 2 - YSTR Results

X2TVA6	Yfiler™ Plus PCR Amplification Kit								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
X97MNU	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Y72JBX	PowerPlex® Y 23								
2		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
Y7GZ7Q	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
YCN84H	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
YRJN8A	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Z489L4	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Z6XCJP	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ZDWXMX	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ZHTDGE	Yfiler™ Plus								
2	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

287QPA	Yfiler™								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
28JHGR	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
2GPEWD	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
2QYRHR	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
2WMAYN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3EYHA9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3HYN39	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3JRKE9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3NMGYT	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
3PKJ7X	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
3XDZG9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
467R38	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

4CRCVM	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
4D7WEC	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
4HXEBN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
4KJXFR	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
4LLFXC	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
4PJ7XV	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
4V8KWN	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
62QBL3	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
64QQXK	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
6978BA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
6B9WUQ	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
6HB72J	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11

TABLE 3

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

Item 3 - YSTR Results

6KFWZY	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	11	19		17	15		22	
	12	13	20	17		21	12	11	
6LU3MN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
6M7ZYK	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
78AZGW	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
794QTQ	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
7JYVC	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
7MXB4Y	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
7R2ZV9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
83T4D8	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
8ACDHV	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
8FF4BL	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
8RAHAH	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11

TABLE 3

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

Item 3 - YSTR Results

8XJUBP	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
8YURG8	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9AN932	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9GPTNH	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9HFWF4	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21			11
9MV7QM	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9V7QUJ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9Y62PJ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9YPMFN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
9Z3966	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21			11
A2NGTJ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
A4G7B7	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		

TABLE 3

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

Item 3 - YSTR Results

A7HAZ8	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	11	19		17	15		22	
	12	13	20	17		21	12	11	
A8XLN6	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
AFBKCEN	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
AJ963E	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ALUYXU	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
AVX3YX	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
B4AK2G	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
B4EV4E	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
B4XXK3	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
BC9Y74	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
BGYB8E	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19		15			
						21		11	
BKYL3E	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

BNYVZN	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
BUNDDZ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
BVGAPZ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
C8NEGE	Yfiler™ Plus								
3	35,37	13	16,[17]	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
C9JXJF	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
CGRU3C	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
CL9YW2	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
CPR3RD	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
CY9VXE	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
D2GDR4	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
DHK2XN	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11
DJUWLL	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21			11

TABLE 3

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

Item 3 - YSTR Results

DPMRPF	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
DT3GTP	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
DTL88Q	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
E2FQZH	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
EDA47V	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
EEZEWN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ELHNBX	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ERRXGL	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
EWGJBE	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
F4A989	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
FA3FNW	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
FFMDCJ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

FPGFVV	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
FPUVAG	Yfiler™ Plus								
3	20	9	15	13	30	21	11	17	13
	10	11	19	40	14	17	22	16,17	32
	13	11	22	35,37	12		10		24
FQDTJM	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
FVHUDP	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
G8CCWA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GLWRZA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GPV3VA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GTAZ2B	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GU24RW	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GWA8GU	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
GX7HEH	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
		14	10	11	19	17	15		22
		12	13	20	17		21	12	11
GXQ6AT	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

GYK6WW	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
H2JNEA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
H4QZ9J	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
H8CJM9	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
HC4ZT8	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HCFU98	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HDYHZP	Yfiler™								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
HTPJL9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HUFMCU	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
HWADH9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
HZ9R6Y	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
J3AEXT	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

J438TC	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
J6ZBZG	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
J9YLWG	PowerPlex® Y 23, Signature Prep - Primer Set B								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15	9	22
		12	13	20	17		21	12	11
JACCUC	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
JEPV7E	Yfiler™								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
JJWTE7	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JLLYUW	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
JMFPZC	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JNPP6J	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JUGYMJ	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
JZ23FR	Yfiler™								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
K6BHLA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

KCT3LF	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
KJANE6	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
KK7WPA	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
KP7ZVQ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
KPLJG9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
KQBRKH	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
KRQZUQ	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	
L3NCQ6	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
L76KUB	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
LBGJAB	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
LC72ZA	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
LD448E	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	

TABLE 3

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

Item 3 - YSTR Results

LHDHPD	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
LXPXUU	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
M7CJ2P	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
M7E7RQ	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21		11	
MFMLPB	Yfiler™ Plus								
3	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
MNW6XN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
MPTHKG	PowerPlex® Y 23								
3	-	13	16,17	13	30	24	10	11	13
	14	10	11	19	-	17	15	-	22
	-	12	13	20	17	-	21	12	11
MULQT2	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
MWVQX9	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15		22	
	12	13	20	17		21	12	11	
N3VE8Z	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
NFHKAH	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

NH9PVM	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			
						21			11
NHQR3	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			22
		12	13	20	17	21	12		11
NKDF23	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
NXK9P9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
P4NHJ8	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			22
		12	13	20	17	21	12		11
P9HFYD	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PE3N7A	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PJ2282	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PJFMG4	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PKR6YN	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15			22
		12	13	20	17	21	12		11
PLLV63	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PM4N6R	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
PP37YD	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
PXKHAT	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
Q39H8K	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Q7P4MX	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
QAAU8N	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
QE3X2Z	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
QJE2MN	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
QT24KP	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
QVQB78	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
R34J89	PowerPlex® Y 23, Signature Prep - Primer Set B								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15	9	22
		12	13	20	17		21	12	11
R7KTKZ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
RG2TQ9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
RW2FFP	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
TLAEE7	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
TQ6BNH	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
TQ6CQ3	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
TTP7M4	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
U4MLRY	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
U62XPJ	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
U6KT8K	Yfiler™								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
						21	11		
UK2K8X	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
UL79K3	PowerPlex® Y 23								
3	13	16,17	13	30	24	10	11	13	
	14	10	11	19	17	15	22		
	12	13	20	17	21	12	11		
ULN9JX	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		
UNVQB2	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12	20	17	22	21	11		

TABLE 3

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

Item 3 - YSTR Results

UX4BMB	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
V2DV3V	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
V3AAK9	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
V8L2ZL	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
VPHKR3	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
VQYUQV	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
VUFWXZ	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
WCJ7X	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
VW6ANK	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
VWMHCF	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
VWNA93	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
WAMHLA	Yfiler™								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

WCDN7F	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
WMCFQE	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
WUA6A4	Yfiler™								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
WXAG74	Yfiler™								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		
							21		11
X2TVA6	Yfiler™ Plus PCR Amplification Kit								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
X97MNU	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Y72JBX	PowerPlex® Y 23								
3		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11
Y7GZ7Q	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
YCN84H	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Z489L4	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
Z6XCJP	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ZDWMX	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3 - YSTR Results

ZEPWJV	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11
ZHTDGE	Yfiler™ Plus								
3	35,37	13	16,17	13	30	24	10	11	13
	14	10	11	19	32	17	15	9	22
	40	12		20	17	22	21		11

TABLE 3

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

Item 3e - YSTR Results

7DCD47	PowerPlex® Y 23								
3e		13	16,17	13	30	24	10	11	13
	14	10	11	19		17	15		22
		12	13	20	17		21	12	11

TABLE 3

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

Item 3sp - YSTR Results

7DCD47 PowerPlex® Y 23

3sp



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

287QPA	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
28JHGR	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
2GPEWD	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
2QYRHR	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
2WMAYN	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
3EYHA9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
3HYN39	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
3JRKE9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
3XDZG9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
467R38	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
4CRCVM	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
4D7WEC	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

4HXEBN	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
4KJXFR	PowerPlex® Y 23								
4		15	15,15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
4LLFXC	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
4PJ7XV	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
4V8KWN	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
62QBL3	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
64QQXK	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
6978BA	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
6B9WUQ	PowerPlex® Y 23								
4		15	15,15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
6HB72J	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
6KFWZY	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
6LU3MN	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
6M7ZYK	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
78AZGW	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
794QTQ	PowerPlex® Y 23								
4		15	15,15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
7JYVC	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
7MXB4Y	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
7R2ZV9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
83T4D8	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
8ACDHV	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
8FF4BL	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
8RAHAH	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
8XJUBP	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
8YURG8	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

9AN932	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
9GPTNH	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
9HFWF4	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
9MV7QM	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
9V7QUJ	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
9Y62PJ	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
9YPMFN	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
9Z3966	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
A2NGTJ	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
A4G7B7	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
A7HAZ8	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
A8XLN6	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

AFBKC�	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18		23	
	10	12	17	16		21	11	11	
AJ963E	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
ALUYXU	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
AVX3YX	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
B4AK2G	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
B4EV4E	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
B4XXK3	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
BC9Y74	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
BGYB8E	Yfiler™								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18			
						21		11	
BKYL3E	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
BNYVZN	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18		23	
	10	12	17	16		21	11	11	
BUNDDZ	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

BVGAPZ	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
C8NEGE	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
C9JXJF	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
CGRU3C	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
CL9YW2	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
CPR3RD	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
CY9VXE	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
D2GDR4	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
DHK2XN	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
DJUWLL	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
DPMRPF	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
DTL88Q	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

E2FQZH	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
EDA47V	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
EEZEWN	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
ELHNBX	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
EWGJBE	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
F4A989	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
FA3FNW	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
FFMDCJ	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
FPGFVV	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
FQDTJM	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
FVHUDP	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	
G8CCWA	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21		11	

TABLE 3

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

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GLWRZA	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
GPV3VA	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
GTAZ2B	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
GU24RW	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
GWA8GU	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
GX7HEH	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
		16	12	21		14	18		23
		10	12	17	16		21	11	11
GXQ6AT	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
GYK6WW	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
H2JNEA	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
H4QZ9J	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
H8CJM9	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
		16	12	21		14	18		23
		10	12	17	16		21	11	11
HC4ZT8	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

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HCFU98	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
HDYHZP	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
HTPJL9	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
HUFMCU	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
HWADH9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
HZ9R6Y	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
J3AEXT	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
J6ZBZG	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
J9YLWG	PowerPlex® Y 23, SignaturePrep - Primer Set B								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21		14	18	10	23
		10	12	17	16		21	11	11
JACCUC	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
JEPV7E	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
JJWTE7	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

JLLYUW	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18		23	
	10	12	17	16		21	11	11	
JMFPZC	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
JNPP6J	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
JTJKYQ	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
JUGYMJ	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
JZ23FR	Yfiler™								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18			
						21			11
K6BHLA	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
KCT3LF	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18		23	
	10	12	17	16		21	11	11	
KJANE6	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
KK7WPA	PowerPlex® Y 23								
4	15	15,15	12	29	22	10	10	14	
	16	10	12	21	14	18		23	
	10	12	17	16		21	11	11	
KP7ZVQ	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11
KPLJG9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10	17	16	20	21			11

TABLE 3

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

Item 4 - YSTR Results

KQBRKH	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
KRQZUQ	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
L3NCQ6	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
L76KUB	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
LBGJAB	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
LD448E	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
LHDHPD	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
LXPXUU	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
M7CJ2P	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
M7E7RQ	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
MFMLPB	Yfiler™ Plus								
4	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

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

MNW6XN	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
MPTHKG	PowerPlex® Y 23								
4	-	15	15	12	29	22	10	10	14
	16	10	12	21	-	14	18	-	23
	-	10	12	17	16	-	21	11	11
MULQT2	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
MWVQX9	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
N3VE8Z	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
NFHKAH	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
NH9PVM	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
NHQRP3	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
NKDF23	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
P4NHJ8	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
P9HFYD	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
PE3N7A	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
PJ2282	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
PJFMG4	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
PKR6YN	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
PLLV63	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
PM4N6R	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
PP37YD	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
PXKHAT	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
Q39H8K	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
Q7P4MX	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
QAAU8N	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
QE3X2Z	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
QJE2MN	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
QT24KP	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
QVQB78	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
R34J89	PowerPlex® Y 23, Signature Prep - Primer Set B								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	14	18	10	23	
		10	12	17	16		21	11	11
R7KTKZ	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
RG2TQ9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
RW2FFP	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
TLAEE7	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
TQ6BNH	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
TQ6CQ3	PowerPlex® Y 23								
4	15	15,15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
U4MLRY	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
U62XPJ	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
U6KT8K	Yfiler™								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18			
						21		11	

TABLE 3

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

Item 4 - YSTR Results

UK2K8X	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
UL79K3	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
ULN9JX	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
UX4BMB	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	15,16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
V2DV3V	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
V3AAK9	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
V8L2ZL	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
VPHKR3	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
VQYUQV	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
VUFWXZ	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	11	11	
WCJ7X	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
VW6ANK	PowerPlex® Y 23								
4	15	15	12	29	22	10	10	14	
	16	10	12	21	14	18	23		
	10	12	17	16		21	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 4 - YSTR Results

WWMHCF	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
VWNA93	PowerPlex® Y 23								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
WAMHLA	Yfiler™								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
WCDN7F	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
WMCFQE	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
WUA6A4	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
WXAG74	Yfiler™								
4		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		
							21		11
X2TVA6	Yfiler™ Plus PCR Amplification Kit								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
X97MNU	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
Y72JBX	PowerPlex® Y 23								
4		15	15,15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
Y7GZ7Q	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
YCN84H	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4 - YSTR Results

YRJN8A	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
Z489L4	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
Z6XCJP	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
ZDWMX	Yfiler™ Plus								
4	37,38	15	15,15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11
ZHTDGE	Yfiler™ Plus								
4	37,38	15	15	12	29	22	10	10	14
	16	10	12	21	28	14	18	10	23
	38	10		17	16	20	21		11

TABLE 3

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

Item 4e - YSTR Results

7DCD47									
4e		15	15,15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	11	11
ERRXGL	PowerPlex® Y 23								
4e		15	15	12	29	22	10	10	14
	16	10	12	21		14	18		23
		10	12	17	16		21	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 4sp - YSTR Results

ERRXGL	PowerPlex® Y 23								
4sp	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT		NT	NT		NT
		NT	NT	NT	NT		NT	NT	NT

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	J9YLWG	11,12	12				11,12		
	R34J89	11,12	12				11,12		
D20S482	J9YLWG	13,15	14,15				13,16		
	R34J89	13,15	14,15				13,16		
D4S2408	J9YLWG	8,12	10,11				9		
	R34J89	8,12	10,11				9		
D9S1122	J9YLWG	12	11,12				12,13		
	R34J89	12	11,12				12,13		
DXS10074	J9YLWG	15,16	17				15		
	JTKYQ	15,16	17				15		
	R34J89	15,16	17				15		
	YRJN8A	15,16	17				15		
DXS10079	JTKYQ	18,20	22				20		
	YRJN8A	18,20	22				20		
DXS10101	JTKYQ	31,32	30.2				32		
	YRJN8A	31,32	30.2				32		
DXS10103	J9YLWG	16,19	19				18		
	JTKYQ	16,19	19				18		
	R34J89	16,19	19				18		
	YRJN8A	16,19	19				18		
DXS10134	JTKYQ	30,38	37				41.3		
	YRJN8A	30,38	37				41.3		
DXS10135	J9YLWG	19,27	18.1				20		
	JTKYQ	19,27	18.1				20		
	R34J89	19,27	18.1				20		
	YRJN8A	19,27	18.1				20		
DXS10146	JTKYQ	30,41.2	34.2				40.2		

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DXS10146 cont'd	YRJN8A	30,41.2	34.2				40.2		
DXS10148	JTKYQ	18,26.1	18				18		
	YRJN8A	18,26.1	18				18		
DXS7132	J9YLWG	11,14	14				14		
	JTKYQ	11,14	14				14		
	R34J89	11,14	14				14		
	YRJN8A	11,14	14				14		
DXS7423	J9YLWG	14	16				15		
	JTKYQ	14	16				15		
	R34J89	14	16				15		
	YRJN8A	14	16				15		
DXS8378	J9YLWG	12	11				10		
	JTKYQ	12	11				10		
	R34J89	12	11				10		
	YRJN8A	12	11				10		
DYS505	J9YLWG	NR	13	13			11		
	R34J89	NR	13	13			11		
DYS522	J9YLWG	NR	11	11			11		
	R34J89	NR	11	11			11		
DYS612	J9YLWG	NR	31	31			29		
	R34J89	NR	31	31			29		
F13A01	TQ6BNH	4,6	3,2,7	3,2,4,6,7			7		
F13B	TQ6BNH	6,8	8,10	6,8,10			8,10		
FESFPS	TQ6BNH	13	9,13	9,13			10		
HPRTB	J9YLWG	12,14	12				13		
	JTKYQ	12,14	12				13		
	R34J89	12,14	12				13		
	YRJN8A	12,14	12				13		
LPL	TQ6BNH	10,12	11	10,11,12			10		

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
PENTA C	TQ6BNH	9,13	9	9,13			8,11		
QS1	8XJUBP	Q	Q	Q			Q		
	D2GDR4	Q	Q	Q			Q		
	Y664WF	Q							
QS2	8XJUBP	S	S	S			S		
	D2GDR4	S	S	S			S		
	Y664WF	S							

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16519.0
ITEM 1	
7DCD47	C
BAG6Y2	C

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

	16185.0	16223.0	16311.0	16327.0
ITEM 2				
3V4QPB	T	T	C	T
7DCD47	T	T	C	T
8ACDHV	T	T	C	T
BAG6Y2	T	T	C	T
DHK2XN	T	T	C	T
FK3VQU	T	T	C	T
FQDTJM	T	T	C	T
H4QZ9J	T	T	C	T
J9YLWG	T	T	C	T
JCE6XJ	T	T	C	T
JTJKYQ	T	T	C	T
JUGYMJ	T	T	C	T
KQBRKH	T	T	C	T
P9HFYD	T	T	C	T
PP37YD	T	T	C	T
R34J89	T	T	C	T
UEMWG9	T	T	C	T
V8L2ZL	T	T	C	T
X2TVA6	T	T	C	T
YRJN8A	T	T	C	T
Z489L4	T	T	C	T

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	16111.0	16213.0	16223.0	16290.0	16319.0	16362.0
ITEM 4						
3V4QPB	T	A	T	T	A	C
7DCD47	T	A	T	T	A	C
BAG6Y2	T	A	T	T	A	C
FK3VQU	T	A	T	T	A	C
J9YLWG	T	A	T	T	A	C
JCE6XJ	T	A	T	T	A	C
JTKYQ	T	A	T	T	A	C
R34J89	T	A	T	T	A	C
UEMWG9	T	A	T	T	A	C
V8L2ZL	T	A	T	T	A	C
YRJN8A	T	A	T	T	A	C
Z489L4	T	A	T	T	A	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3V4QPB	16021-16374	16021-16374		16021-16374
7DCD47	16024-16569	16024-16569		16024-16569
8ACDHV		16024-16365		
BAG6Y2	16024-16569	16024-16569		16024-16569
DHK2XN		16024-16365		
FK3VQU	16024-16390	16024-16384		16024-16387
FQDTJM		16024-16365		
H4QZ9J		16024-16365		
J9YLWG	16024-16365	16024-16365		16024-16365
JCE6XJ	16024-16365	16024-16365	Mixture-Not Interpreted	16024-16365
JTJKYQ	15998-16390	15998-16390		15998-16390
JUGYMJ		16024-16365		
KQBRKH		16024-16365		
P9HFYD		16024-16365		
PP37YD		16024-16365		
R34J89	16024-16365	16024-16365		16024-16365
UEMWG9	16024-16365	16024-16365	Mixture - No Interp	16024-16365
V8L2ZL	16024-16365	16024-16365		16024-16365
X2TVA6		16024-16365		
YRJN8A	15998-16390	15998-16390		15998-16390
Z489L4	16024-16365	16024-16365		16024-16365

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	185.0	263.0	309.0	309.1	309.2	315.0	315.1
ITEM 1							
3V4QPB	A	G		C			C
7DCD47	A	G		C			C
8ACDHV	A	G		C			C
BAG6Y2	A	G		C			C
DHK2XN	A	G		C			C
FK3VQU	A	G		C			C
FQDTJM	A	G		C			C
H4QZ9J	A	G		C			C
J9YLWG	A	G		C	N		C
JCE6XJ	A	G	.1C			.1C	
JTJKYQ	A	G		C			C
JUGYMJ	A	G		C			C
KQBRKH	A	G		C			C
P9HFYD	A	G		C			C
PP37YD	A	G		C			C
R34J89	A	G		C	N		C
UEMWG9	A	G	.1C			.1C	
V8L2ZL	A	G		C			C
X2TVA6	A	G		C			C
YRJN8A	A	G		C			C
Z489L4	A	G		C			C

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	150.0	185.0	189.0	200.0	263.0	309.0	315.0	315.1
ITEM 2									
3V4QPB	G	T	A	G	G	G			C
7DCD47	G	T	A	G	G	G			C
8ACDHV	G	T	A	G	G	G			C
BAG6Y2	G	T	A	G	G	G			C
DHK2XN	G	T	A	G	G	G			C
FK3VQU	G	T	A	G	G	G			C
FQDTJM	G	T	A	G	G	G			C
H4QZ9J	G	T	A	G	G	G			C
J9YLWG	G	T	A	G	G	G			C
JCE6XJ	G	T	A	G	G	G	C	.1C	
JTKYQ	G	T	A	G	G	G			C
JUGYMJ	G	T	A	G	G	G			C
KQBRKH	G	T	A	G	G	G			C
P9HFYD	G	T	A	G	G	G			C
PP37YD	G	T	A	G	G	G			C
R34J89	G	T	A	G	G	G			C
UEMWG9	G	T	A	G	G	G	C	.1C	
V8L2ZL	G	T	A	G	G	G			C
X2TVA6	G	T	A	G	G	G			C
YRJN8A	G	T	A	G	G	G			C
Z489L4	G	T	A	G	G	G			C

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	146.0	153.0	204.0	235.0	263.0	309.0	309.1	309.2	315.0	315.1	523.0	524.0
ITEM 4													
3V4QPB	G	C	G	C	G	G		C			C		
7DCD47	G	C	G	C	G	G		C			C		
BAG6Y2	G	C	G	C	G	G		C			C	.	.
FK3VQU	G	C	G	G	G	G		C		C			
J9YLWG	G	C	G	C	G	G		C	N		C		
JCE6XJ	G	C	G	C	G	G	.1C			.1C			
JTJKYQ	G	C	G	C	G	G		C			C		
R34J89	G	C	G	C	G	G		C	N		C		
UEMWG9	G	C	G	C	G	G	.1C			.1C			
V8L2ZL	G	C	G	C	G	G		C	C		C		
YRJN8A	G	C	G	C	G	G		C			C		
Z489L4	G	C	G	C	G	G		C			C		

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3V4QPB	61-385	61-385		61-385
7DCD47	1-340	1-340		1-340
8ACDHV	73-340	73-340		
BAG6Y2	1-535	1-538		1-565
DHK2XN	73-340	73-340		
FK3VQU	51-390	51-390		46-390
FQDTJM	73-340	73-340		
H4QZ9J	73-340	73-340		
J9YLWG	73-340	73-340		73-340
JCE6XJ	73-340	73-340	Mixture-Not Interpreted	73-340
JTJKYQ	49-402	49-402		49-402
JUGYMJ	73-340	73-340		
KQBRKH	73-340	73-340		
P9HFYD	73-340	73-340		
PP37YD	73-340	73-340		
R34J89	73-340	73-340		73-340
UEMWG9	73-340	73-340	Mixture - No Interp	73-340
V8L2ZL	73-340	73-340		73-340
X2TVA6	73-340	73-340		
YRJN8A	49-402	49-402		49-402
Z489L4	73-340	73-340		73-340

DNA Interpretations

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

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
222Z9P	Yes	No	Yes	No	3E262A	Yes	No	Yes	No
23TXUQ	Yes	No	Yes	No	3EYHA9	Yes	No	Yes	No
287QPA	Yes	No	Yes	No	3FD4X6	Yes	No	Yes	No
287QQV	Yes	No	Yes	No	3HYN39	Yes	No	Yes	No
28JHGR	Yes	No	Yes	No	3JFV9Q	Yes	No	Yes	No
2AAL9D	Yes	No	Yes	No	3JRKE9	Yes	No	Yes	No
2AC9YE	Yes	No	Yes	No	3MTN4A	Yes	No	Yes	No
2B63MV	Yes	No	Yes	No	3MVAUB	Yes	No	Yes	No
2B9LL8	Yes	No	Yes	No	3NMGYT	Yes	No	Yes	No
2ELPZZ	Yes	No	Yes	No	3PKJ7X	Yes	No	Yes	No
2GPEDW	Yes	No	Yes	No	3V4QPB	Yes	No	Yes	No
2HP8FV	Yes	No	Yes	No	3V8EP2	Yes	No	Yes	No
2JUVTZ	Yes	No	Yes	No	3VQ9PQ	Yes	No	Yes	No
2LKWXN	Yes	No	Yes	No	3W238X	Yes	No	Yes	No
2P9HQQ	Yes	No	Yes	No	3XDZG9	Yes	No	Yes	No
2QJ9VA	Yes	No	Yes	No	3XYK8T	Yes	No	Yes	No
2QWYXD	Yes	No	Yes	No	3YA9RD	Yes	No	Yes	No
2QYRHR	Yes	No	Yes	No	3ZYV7L	Yes	No	Yes	No
2RAKJL	Yes	No	Yes	No	42QYL2	Yes	No	Yes	No
2V7CFC	Yes	No	Yes	No	466URC	Yes	No	Yes	No
2VP4DN	Yes	No	Yes	No	467R38	Yes	No	Yes	No
2WMAYN	Yes	No	Yes	No	4CRCVM	Yes	No	Yes	No
2WMCNT	Yes	No	Yes	No	4D7WEC	Yes	No	Yes	No
2YTWLF	Yes	No	Yes	No	4ETQRR	Yes	No	Yes	No
32CBD9	Yes	No	Yes	No	4EYUKX	Yes	No	Yes	No
376F4R	Yes	No	Yes	No	4F9YZ8	Yes	No	Yes	No
39YWP2	Yes	No	Yes	No	4HXEBN	Yes	No	Yes	No
3B2WKR	Yes	No	Yes	No	4JMP7M	Yes	No	Yes	No
3BLPEP	Yes	No	Yes	No	4JNH2A	Yes	No	Yes	No
3CCVZU	Yes	No	Yes	No	4KJXFR	Yes	No	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
4LDJJ7	Yes	No	Yes	No	7DCD47	Yes	No	Yes	No
4LLFXC	Yes	No	Yes	No	7H7828	Yes	No	Yes	No
4N4RDR	Yes	No	Yes	No	7H9UR9	Yes	No	Yes	No
4PJ7XV	Yes	No	Yes	No	7HBENP	Yes	No	Yes	No
4PVZEV	Yes	No	Yes	No	7JYVVC	Yes	No	Yes	No
4UC3UM	Yes	No	Yes	No	7JZ2WQ	Yes	No	Yes	No
4V8KWN	Yes	No	Yes	No	7MXB4Y	Yes	No	Yes	No
4WV6NZ	Yes	No	Yes	No	7P332R	Yes	No	Yes	No
62QBL3	Yes	No	Yes	No	7P9ALM	Yes	No	Yes	No
63GM7U	Yes	No	Yes	No	7R2ZV9	Yes	No	Yes	No
63ZMZX	Yes	No	Yes	No	7WNZNT	Yes	No	Yes	No
64QQXK	Yes	No	Yes	No	83T4D8	Yes	No	Yes	No
67XXE7	Yes	No	Yes	No	89FR9X	Yes	No	Yes	No
6978BA	Yes	No	Yes	No	8ACDHV	No Interp	No	Yes	No
6B9WUQ	Yes	No	Yes	No	8CE34X	Yes	No	Yes	No
6BQ876	Yes	No	Yes	No	8FF4BL	Yes	No	Yes	No
6GDZPJ	Yes	No	Yes	No	8N9DQX	Yes	No	Yes	No
6H8NVE	Yes	No	Yes	No	8QW7EY	Yes	No	Yes	No
6HB72J	Yes	No	Yes	No	8RAHAH	Yes	No	Yes	No
6JMVBN	Yes	No	Yes	No	8XJUBP	Yes	No	Yes	No
6KFWZY	Yes	No	Yes	No	8YCPR7	Yes	No	Yes	No
6LU3MN	Yes	No	Yes	No	8YURG8	Yes	No	Yes	No
6M7ZYK	Yes	No	Yes	No	8Z89ZZ	Yes	No	Yes	No
6N2G73	Yes	No	Yes	No	92RLVM	Yes	No	Yes	No
6NXTXA	Yes	No	Yes	No	92UDKH	Yes	No	Yes	No
6Q3NBL	Yes	No	Yes	No	92V7F6	Yes	No	Yes	No
72F6K4	Yes	No	Yes	No	94L7X2	Yes	No	Yes	No
73DDV9	Yes	No	Yes	No	96RQGV	Yes	No	Yes	No
74QXNJ	Yes	No	Yes	No	97MFQ4	Yes	No	Yes	No
78AZGW	Yes	No	Yes	No	982VYP	Yes	No	Yes	No
794QTQ	Yes	No	Yes	No	9AN932	Yes	No	Yes	No
7ADTHV	Yes	No	Yes	No	9EZDD3	Yes	No	Yes	No
7D9QMT	Yes	No	Yes	No	9FC4JK	Yes	No	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
9G7K4U	Yes	No	Yes	No	AQDVP6	Yes	No	Yes	No
9G8PCB	Yes	No	Yes	No	AVX3YX	Yes	No	Yes	No
9GJKFV	Yes	No	Yes	No	AXTL8Q	Yes	No	Yes	No
9GPTNH	Yes	No	Yes	No	AZX82H	Yes	No	Yes	No
9HFWF4	Yes	No	Yes	No	B3JC2D	Yes	No	Yes	No
9HHH76	Yes	No	Yes	No	B3K6QZ	Yes	No	Yes	No
9L63BA	Yes	No	Yes	No	B4AK2G	Yes	No	Yes	No
9MV7QM	Yes	No	Yes	No	B4EV4E	No Interp	No Interp	Yes	No
9PX8QK	Yes	No	Yes	No	B4XXK3	Yes	No	Yes	No
9V7QUJ	Yes	No	Yes	No	B6PL74	Yes	No	Yes	No
9W36CW	Yes	No	Yes	No	B7YWWF	Yes	No	Yes	No
9WGME3	Yes	No	Yes	No	BAG6Y2	Yes	No	Yes	No
9Y62PJ	Yes	No	Yes	No	BC9Y74	Yes	No	Yes	No
9YPEP6	Yes	No	Yes	No	BDJWCT	Yes	No	Yes	No
9YPMFN	Yes	No	Yes	No	BDWLE6	Yes	No	Yes	No
9Z3966	Yes	No	Yes	No	BEDKUN	Yes	No	Yes	No
9ZGLUM	Yes	No	Yes	No	BGYB8E	Yes	No	Yes	No
A2NGTJ	Yes	No	Yes	No	BKEU2G	Yes	No	Yes	No
A2TP3J	Yes	No	Yes	No	BKYL3E	Yes	No	Yes	No
A4G7B7	Yes	No	Yes	No	BM6V6J	Yes	No	Yes	No
A6DJXY	Yes	No	Yes	No	BNYVZN	Yes	No	Yes	No
A6R9W6	Yes	No	Yes	No	BQPVCC	Yes	No	Yes	No
A76JZP	Yes	No	Yes	No	BQQP2Y	Yes	No	Yes	No
A7HAZ8	Yes	No	Yes	No	BRZP3K	Yes	No	Yes	No
A8XLN6	Yes	No	Yes	No	BTBP3L	Yes	No	Yes	No
AAFY4L	Yes	No	Yes	No	BUNDDZ	Yes	No	Yes	No
AAHLKY	Yes	No	Yes	No	BVGAPZ	Yes	No	Yes	No
ADM9BX	Yes	No	Yes	No	C2YZQL	Yes	No	Yes	No
AFBKCN	Yes	No	Yes	No	C4TKTZ	Yes	No	Yes	No
AJ963E	Yes	No	Yes	No	C67BTG	Yes	No	Yes	No
ALUYXU	Yes	No	Yes	No	C8NEGE	Yes	No	Yes	No
AMMMFP	Yes	No	Yes	No	C8VH9Y	Yes	No	Yes	No
AMR4EN	Yes	No	Yes	No	C9JXJF	Yes	No	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
CCHER3	Yes	No	Yes	No	DZJ3UF	Yes	No	Yes	No
CEM4WW	Yes	No	Yes	No	E2FQZH	Yes	No	Yes	No
CFKC73	Yes	No	Yes	No	E8ZUYY	Yes	No	Yes	No
CGEWEV	Yes	No	Yes	No	E9ULT6	Yes	No	Yes	No
CGRU3C	Yes	No	Yes	No	EAQYDD	Yes	No	Yes	No
CL9YW2	Yes	No	Yes	No	EDA47V	Yes	No	Yes	No
CL9ZYL	Yes	No	Yes	No	EEHETC	Yes	No	Yes	No
CNWDLB	Yes	No	Yes	No	EEZEWN	Yes	No	Yes	No
CPR3RD	No Interp	No Interp	Yes	No	EFDXUD	Yes	No	Yes	No
CQJ78T	Yes	No	Yes	No	EFU48H	Yes	No	Yes	No
CX3DWX	Yes	No	Yes	No	EL3FBA	Yes	No	Yes	No
CXZL83	Yes	No	Yes	No	ELHNBX	Yes	No	Yes	No
CY9VXE	Yes	No	Yes	No	EP3TPM	Yes	No	Yes	No
CZ6AFT	Yes	No	Yes	No	EPHY6C	Yes	No	Yes	No
D2EKVG	Yes	No	Yes	No	ER7B73	Yes	No	Yes	No
D2GDR4	Yes	No	Yes	No	ER9Z9E	Yes	No	Yes	No
D2XLHJ	Yes	No	Yes	No	ERRXGL	Yes	No	Yes	No
D6GBKW	Yes	No	Yes	No	EWGJBE	Yes	No	Yes	No
DAN8NH	Yes	No	Yes	No	EYAAT2	Yes	No	Yes	No
DB3E8D	Yes	No	Yes	No	EZZFXJ	Yes	No	Yes	No
DEKVCQ	Yes	No	Yes	No	F4A989	Yes	No	Yes	No
DGTNHC	Yes	No	Yes	No	F732EZ	Yes	No	Yes	No
DHK2XN	No Interp	No	Yes	No	F7H7Y6	Yes	No	Yes	No
DJUWLL	Yes	No	Yes	No	F8GCFY	Yes	No	Yes	No
DMHEQT	Yes	No	Yes	No	FA3FNW	Yes	No	Yes	No
DPMRPF	Yes	No	Yes	No	FA62EX	Yes	No	Yes	No
DT3GTP	Yes	No	Yes	No	FCREFN	Yes	No	Yes	No
DTL88Q	Yes	No	Yes	No	FFMDCJ	Yes	No	Yes	No
DUHYUA	Yes	No	Yes	No	FGLJYV	Yes	No	Yes	No
DVDGWB	Yes	No	Yes	No	FK3VQU	No Interp	No	No Interp	No
DXUQYG	Yes	No	Yes	No	FLFFH4	Yes	No	Yes	No
DXXHNC	Yes	No	Yes	No	FLT7HM	No Interp	No Interp	No Interp	No Interp
DYCUNG	Yes	No	Yes	No	FMPGHW	Yes	No	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
FN4U7E	Yes	No	Yes	No	HB6U88	Yes	No	Yes	No
FPGFVW	Yes	No	Yes	No	HC34HC	Yes	No	Yes	No
FPUVAG	Yes	No	Yes	No	HC4ZT8	Yes	No	Yes	No
FQDTJM	No Interp	No	Yes	No	HCFU98	Yes	No	Yes	No
FVHUDP	Yes	No	Yes	No	HCK6B7	Yes	No	Yes	No
FXBGJZ	Yes	No	Yes	No	HDT89X	Yes	No	Yes	No
FZWBFV	Yes	No	Yes	No	HDYHZP	Yes	No	Yes	No
G4C3L9	Yes	No	Yes	No	HE6748	Yes	No	Yes	No
G8CCWA	Yes	No	Yes	No	HGTH6X	Yes	No	Yes	No
G976NM	Yes	No	Yes	No	HHM9BC	Yes	No	Yes	No
GDH2HN	Yes	No	Yes	No	HHN27Y	No Interp	No Interp	No Interp	No Interp
GET28J	Yes	No	Yes	No	HJHT2X	Yes	No	Yes	No
GLDY8C	Yes	No	Yes	No	HMJPPR	Yes	No	Yes	No
GLWRZA	Yes	No	Yes	No	HTPJL9	Yes	No	Yes	No
GNGXZW	Yes	No	Yes	No	HU6VA6	Yes	No	Yes	No
GPV3VA	Yes	No	Yes	No	HUFMCU	Yes	No	Yes	No
GR2HHU	Yes	No	Yes	No	HUH93V	Yes	No	Yes	No
GRJQAA	Yes	No	Yes	No	HVFMEF	Yes	No	Yes	No
GTAZ2B	Yes	No	Yes	No	HW9HWH	Yes	No	Yes	No
GU24RW	Yes	No	Yes	No	HWADH9	Yes	No	Yes	No
GU3PJX	Yes	No	Yes	No	HWQEMC	Yes	No	Yes	No
GU7BEE	Yes	No	Yes	No	HZ9R6Y	Yes	No	Yes	No
GU88GW	Yes	No	Yes	No	J3AEXT	Yes	No	Yes	No
GWA8GU	Yes	No	Yes	No	J3B2NU	Yes	No	Yes	No
GWUQM2	Yes	No	Yes	No	J438TC	Yes	No	Yes	No
GX7HEH	Yes	No	Yes	No	J6ZBZG	Yes	No	Yes	No
GXQ6AT	Yes	No	Yes	No	J7AF4H	Yes	No	Yes	No
GYK6WW	Yes	No	Yes	No	J9YLWG	Yes	No	Yes	No
H2JNEA	Yes	No	Yes	No	JACCUC	Yes	No	Yes	No
H2NXPA	Yes	No	Yes	No	JCE6XJ	No Interp	No	No Interp	No
H3CEWW	Yes	No	Yes	No	JCZQHM	Yes	No	Yes	No
H4QZ9J	No Interp	No	Yes	No	JEPV7E	Yes	No	Yes	No
H8CJM9	Yes	No	Yes	No	JJTCB2	Yes	No	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
JJWTE7	Yes	No	Yes	No	LA34UN	Yes	No	Yes	No
JLLTTH	Yes	No	Yes	No	LBGJAB	Yes	No	Yes	No
JLLYUW	Yes	No	Yes	No	LC72ZA	Yes	No	Yes	No
JMFPZC	Yes	No	Yes	No	LD2CCR	Yes	No	Yes	No
JNPP6J	Yes	No	Yes	No	LD448E	Yes	No	Yes	No
JTJKYQ	No Interp	No	No Interp	No	LD6XXK	Yes	No	Yes	No
JUGYMJ	No Interp	No	Yes	No	LFBHV8	Yes	No	Yes	No
JUWCY8	Yes	No	Yes	No	LHDHPD	Yes	No	Yes	No
JXG3FQ	Yes	No	Yes	No	LQNMNA	Yes	No	Yes	No
JYBWUM	Yes	No	Yes	No	LQREE6	Yes	No	Yes	No
JZ23FR	Yes	No	Yes	No	LT2A9A	Yes	No	Yes	No
K6BHLA	Yes	No	Yes	No	LU9GLB	Yes	No	Yes	No
K9R38P	Yes	No	Yes	No	LUAK28	Yes	No	Yes	No
KAPBHU	Yes	No	Yes	No	LW2HM8	Yes	No	Yes	No
KBJUQM	Yes	No	Yes	No	LXPXUU	Yes	No	Yes	No
KCT3LF	Yes	No	Yes	No	M7CJ2P	Yes	No	Yes	No
KJANE6	Yes	No	Yes	No	M7E7RQ	Yes	No	Yes	No
KK3CXZ	Yes	No	Yes	No	M8CK4A	Yes	No	Yes	No
KK7WPA	Yes	No	Yes	No	MA3F4C	Yes	No	Yes	No
KLLAD7	Yes	No	Yes	No	MC3YQW	Yes	No	Yes	No
KMV9K9	Yes	No	Yes	No	MFMLPB	Yes	No	Yes	No
KP7ZVQ	Yes	No	Yes	No	MGWEM	Yes	No	Yes	No
KPLJG9	Yes	No	Yes	No	MNW6XN	Yes	No	Yes	No
KQBRKH	No Interp	No	Yes	No	MPTHKG	Yes	No	Yes	No
KQWBLJ	Yes	No	Yes	No	MQ3L66	Yes	No	Yes	No
KRQZUQ	Yes	No	Yes	No	MTUM98	Yes	No	Yes	No
KTFHPC	Yes	No	Yes	No	MULQT2	Yes	No	Yes	No
KTJ8RN	Yes	No	Yes	No	MVKNCA	Yes	No	Yes	No
L2QACZ	Yes	No	Yes	No	MWVQX9	Yes	No	Yes	No
L3NCQ6	Yes	No	Yes	No	MYHEA9	Yes	No	Yes	No
L4XF39	Yes	No	Yes	No	MYJ6MJ	Yes	No	Yes	No
L6BVHG	Yes	No	Yes	No	N2LCEA	Yes	No	Yes	No
L76KUB	Yes	No	Yes	No	N2X9LZ	Yes	No	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
N3VE8Z	Yes	No	Yes	No	PXKHAT	Yes	No	Yes	No
N4RW6V	Yes	No	Yes	No	PYCLP7	Yes	No	Yes	No
N62Y4N	Yes	No	Yes	No	PYUK44	Yes	No	Yes	No
N7CW9H	Yes	No	Yes	No	Q2RPQN	Yes	No	Yes	No
NB9B8Z	Yes	No	Yes	No	Q39H8K	Yes	No	Yes	No
NCJADH	Yes	No	Yes	No	Q7P4MX	Yes	No	Yes	No
NFHKAH	Yes	No	Yes	No	Q87ZEX	Yes	No	Yes	No
NH9PVM	Yes	No	Yes	No	Q8ZY2B	Yes	No	Yes	No
NHQR3	Yes	No	Yes	No	QAAU8N	Yes	No	Yes	No
NKDF23	Yes	No	Yes	No	QBXFGQ	Yes	No	Yes	No
NKUQPN	Yes	No	Yes	No	QCCWPC	Yes	No	Yes	No
NXK9P9	Yes	No	Yes	No	QE3X2Z	Yes	No	Yes	No
NZQTD9	Yes	No	Yes	No	QJE2MN	Yes	No	Yes	No
P4NHJ8	Yes	No	Yes	No	QKM4KF	Yes	No	Yes	No
P6HDZP	Yes	No	Yes	No	QKT97K	Yes	No	Yes	No
P7T8V4	Yes	No	Yes	No	QPWG3E	Yes	No	Yes	No
P9HFYD	No Interp	No	Yes	No	QRKY87	Yes	No	Yes	No
PDAVAQ	Yes	No	Yes	No	QT24KP	Yes	No	Yes	No
PE3N7A	Yes	No	Yes	No	QT4PF6	Yes	No	Yes	No
PJ2282	Yes	No	Yes	No	QTKQGL	Yes	No	Yes	No
PJC2YG	Yes	No	Yes	No	QVQB78	Yes	No	Yes	No
PJFMG4	Yes	No	Yes	No	QXFE9Z	Yes	No	Yes	No
PJVTYE	Yes	No	Yes	No	R2P4YM	Yes	No	Yes	No
PKBXV7	Yes	No	Yes	No	R34J89	Yes	No	Yes	No
PKR6YN	Yes	No	Yes	No	R697UY	Yes	No	Yes	No
PLL63	Yes	No	Yes	No	R7KTKZ	Yes	No	Yes	No
PLYJ49	Yes	No	Yes	No	RBV9MW	Yes	No	Yes	No
PM4N6R	Yes	No	Yes	No	RDGRT2	Yes	No	Yes	No
PP37YD	No Interp	No	Yes	No	RDL7EN	Yes	No	Yes	No
PQGTCL	Yes	No	Yes	No	RG2TQ9	Yes	No	Yes	No
PQUBDQ	Yes	No	Yes	No	RJAWL6	Yes	No	Yes	No
PTZZEE	Yes	No	Yes	No	RU9PY3	Yes	No	Yes	No
PWLEKN	Yes	No	Yes	No	RUAM6R	Yes	No	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
RW2FFP	Yes	No	Yes	No	UPUM9C	Yes	No	Yes	No
RXUA47	Yes	No	Yes	No	UQ339H	Yes	No	Yes	No
T3YRF4	Yes	No	Yes	No	UUPEJU	Yes	No	Yes	No
T6PNF7	Yes	No	Yes	No	UX4BMB	Yes	No	Yes	No
T7WCG3	Yes	No	Yes	No	V2DV3V	Yes	No	Yes	No
T8P6BZ	Yes	No	Yes	No	V2H76T	Yes	No	Yes	No
TD3WMZ	Yes	No	Yes	No	V3AAK9	Yes	No	Yes	No
TKE2F6	Yes	No	Yes	No	V8L2ZL	Yes	No	Yes	No
TLAEE7	Yes	No	Yes	No	VATEVG	Yes	No	Yes	No
TQ6BNH	Yes	No	Yes	No	VGCKGF	Yes	No	Yes	No
TQ6CQ3	Yes	No	Yes	No	VKQFYY	Yes	No	Yes	No
TRYWTG	Yes	No	Yes	No	VKVP9Y	Yes	No	Yes	No
TTP7M4	Yes	No	Yes	No	VMGN39	Yes	No	Yes	No
TWUVRX	Yes	No	Yes	No	VNPVGA	Yes	No	Yes	No
TYGHKZ	Yes	No	Yes	No	VPHKR3	No Interp	No Interp	Yes	No
TZELFG	Yes	No	Yes	No	VQYUQV	Yes	No	Yes	No
U4MLRY	Yes	No	Yes	No	VUFWXZ	Yes	No	Yes	No
U62XPJ	Yes	No	Yes	No	WCJ7X	Yes	No	Yes	No
U63PLQ	Yes	No	Yes	No	VW3MWJ	Yes	No	Yes	No
U6KT8K	Yes	No	Yes	No	VW6ANK	Yes	No	Yes	No
U7DPHK	Yes	No	Yes	No	VWMHCF	Yes	No	Yes	No
U7FBAL	Yes	No	Yes	No	VWNA93	Yes	No	Yes	No
U96HV4	Yes	No	Yes	No	VXVFT3	Yes	No	Yes	No
UBBZ2Y	Yes	No	Yes	No	W4X32H	Yes	No	Yes	No
UE68WT	Yes	No	Yes	No	W6DENU	Yes	No	Yes	No
UEMWG9	No Interp	No	No Interp	No	W9BWXU	Yes	No	Yes	No
UERLKL	Yes	No	Yes	No	WAMHLA	Yes	No	Yes	No
UG29JZ	Yes	No	Yes	No	WBVD6G	Yes	No	Yes	No
UK2K8X	Yes	No	Yes	No	WCDN7F	Yes	No	Yes	No
UL79K3	Yes	No	Yes	No	WFU864	Yes	No	Yes	No
ULN9JX	Yes	No	Yes	No	WGPQ76	Yes	No	Yes	No
UNQ9D3	Yes	No	Yes	No	WJW4UX	Yes	No	Yes	No
UNVQB2	Yes	No	Yes	No	WMCFQE	Yes	No	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
WPKLBU	Yes	No	Yes	No	YVZ82P	No Interp	No Interp	No Interp	No Interp
WQF66U	Yes	No	Yes	No	YYFQVR	Yes	No	Yes	No
WT2X8B	No Interpretations Reported, DNA Analyzed for Database purposes only.				Z489L4	Yes	No	Yes	No
WT86FY	Yes	No	Yes	No	Z6XCJP	Yes	No	Yes	No
WUA6A4	Yes	No	Yes	No	Z9ZCUA	Yes	No	Yes	No
WV4473	Yes	No	Yes	No	ZAETVU	Yes	No	Yes	No
WXAG74	Yes	No	Yes	No	ZAWPG3	Yes	No	Yes	No
X2AQZQ	Yes	No	Yes	No	ZDWXMX	Yes	No	Yes	No
X2TVA6	No Interp	No	Yes	No	ZEPWJV	Yes	No	Yes	No
X3JZNH	Yes	No	Yes	No	ZHPZPC	Yes	No	Yes	No
X3NEB7	Yes	No	Yes	No	ZHTDGE	Yes	No	Yes	No
X97MNU	Yes	No	Yes	No	ZJZV6M	Yes	No	Yes	No
XBGL4W	Yes	No	Yes	No	ZLCDPT	Yes	No	Yes	No
XG64JT	Yes	No	Yes	No	ZQ3Y6U	Yes	No	Yes	No
XK2W9H	Yes	No	Yes	No	ZQGG7E	Yes	No	Yes	No
XPC7BY	Yes	No	Yes	No	ZRU3W	Yes	No	Yes	No
Y27J9B	Yes	No	Yes	No	ZTBZE8	Yes	No	Yes	No
Y33XV4	Yes	No	Yes	No	ZVGNLW	Yes	No	Yes	No
Y664WF	Yes	No	Yes	No	ZYDBDZ	Yes	No	Yes	No
Y72JBX	Yes	No	Yes	No					
Y7DFN4	No Interp	No Interp	No Interp	No Interp					
Y7GZ7Q	Yes	No	Yes	No					
YBX3N4	Yes	No	Yes	No					
YCN84H	Yes	No	Yes	No					
YFNGA6	No Interp	No Interp	No Interp	No Interp					
YHQJZE	Yes	No	Yes	No					
YHT6QF	Yes	No	Yes	No					
YLRFMF	Yes	No	Yes	No					
YN3ETV	Yes	No	Yes	No					
YREC86	Yes	No	Yes	No					
YRHQWE	Yes	No	Yes	No					
YRJN8A	No Interp	No	No Interp	No					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 573			
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>				
	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	550	0	562	0
No	0	564	0	567
Inc	0	0	0	0
No Interpretation	22	8	10	5
No Response	0	0	0	0

Participants analyzing DNA for database purposes only: 1

Additional Comments

TABLE 8

WebCode	Additional Comments
287QPA	Extraction: -Item 1 and Item 2 were extracted using Chelex extraction method. -Item 3 and Item 4 were extracted using Qiasymphony DNA Investigation Kit via Qiasymphony SP. Quantification: -Item 1, Item 2, Item 3, Item 4 were quantified using Quantifiler Trio DNA Quantification Kit on QuanStudio 5 Real-Time PCR System. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using the GlobalFiler Amplification kit. -Item 2, Item 3 and Item 4 were amplified using Y-Filer Kit. Electrophoresis -All amplified product were carried out on Genetic Analyzer ABI 3500XL. Quality Control: -All reagent blank, positive control and negative control were carried out throughout the analysis and gave intended results. Remarks: -NM: Non-male profile.
2JUVTZ	reporting results with stutter filters on
3E262A	NR= NO RESULT
3PKJ7X	NR=no result; Note: Due to Item 4 not being amped in Y-STRs, this test will not count for Y-STR testing. It will be conducted in the 2nd half of the year.
3V4QPB	HV2 C-stretch length heteroplasmly observed in Items 1 and 4.
3XYK8T	-Item 2 (Submission 1D) was amplified with both PowerPlex Fusion 6C and FlexPlex on the ANDE. -Conditioning was used for Item 3 (Submission 1A) as Item 2 (Submission 1D) was the owner of the shirt based on case scenario. -Proposition 1 for Submission 1A is the LR that would be typically run in casework; Propositions 2 and 3 for Submission 1A were run to show that the 2 individuals can fit into the mixture separately.
42QYL2	NR = no result. Item 3 at D3S1358 - 17 peak in the EPG is consistent with N+/-4 stutter.
4D3GX6	Not authorized in DNA Testing or Interpretation. Only authorized in Blood Detection and Collections.
4EYUKX	NR = No Result
4F9YZ8	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.
4LDJJ7	Stutter peaks for Items 3 and 4 were not called off due to the use of STRmix
4PJ7XV	In the autosomal profile for item 3, at D21S11 the 32 allele is an artifact, and D8S1179 the 11 allele is an artifact.
4PVZEV	NR - no results
63ZMZX	[Name] entered results for serological testing. [Name] is only authorized for serological reporting and does not perform DNA processing or interpretation. [Name] entered results for DNA processing, DNA interpretation and comparison. [Name] is authorized in DNA processing and DNA interpretation/comparison. Analyst is not authorized to conduct serological testing/reporting. Scientists shared codes and entered results independently.
67XXE7	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.
6AXBV6	Not Authorized in DNA testing or Interpretation. Only Authorized in Blood Detection and Collections.

TABLE 8

WebCode	Additional Comments
74QXNJ	According to the [Laboratory] STR Interpretation Guidelines, Item 03 should be sent for analysis by TrueAllele. This analyst has not received training or competency in TA analysis yet, therefore the Technical Leader approved the use of a binary interpretation assuming the suspect as a contributor to the shirt he was wearing at the time of collection. Y-STR testing was also not required because this analyst has not received training and competency in that area yet. The following STR DNA profiles are eligible to be entered into the COmbined DNA Index System (CODIS) database in accordance with local, state, and national regulations where regular searches will be performed: the male DNA profile from the blood on the victim's shirt (EX 04-1), and the reference DNA profiles from the Female Victim (EX 01-1) and the Male Suspect (EX 02-1).
7MXB4Y	NR = no results. Item 1 was also typed using Yfiler Plus; as expected, no DNA typing results were obtained.
7P332R	Only performed AP testing for serology. The serology portion is only completed in total for PT once per year. Did not perform Mito or YSTR's as we do not have those technologies validated in our laboratory.
7P9ALM	NR=NO RESULTS
89FR9X	For items 3 and 4, the results include all detected alleles along with the associated stutter peaks. This reflects the data that is imported into STRmix in order to perform probabilistic genotyping.
8CE34X	For items 3 and 4, the results include all detected alleles, along with their associated stutter peaks. This reflects the data that is imported into STRmix in order to perform probabilistic genotyping.
8N9DQX	NR = no results. Item 3 at D3S1358 - 17 observed on EPGs is consistent with N+4/-4 stutter.
8XJUBP	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
94L7X2	Possible elevated stutter and possible drop in left in because of STRmix analysis.
9AN932	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample Item 3. The results listed in the CTS report reflect DNA profiles with stutter filters on.
9EZDD3	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.
9HFWF4	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Applied Biosystems™ Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the Applied Biosystems™ GlobalFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. The Item 2, Item 3 and Item 4 were also amplified using the Applied Biosystems™ AmpFLSTR™ Yfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed with Applied Biosystems™ GeneMapper™ ID-X Software v1.5. Quality control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis, and all gave intended results. Remark: 'NM' denotes non-male profile.
9MV7QM	For Item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
9W36CW	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = no result.

TABLE 8

WebCode	Additional Comments
9WGME3	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.
9YPEP6	** = Possible elevated stutter
A6DJXY	Stutter is left in for question samples
A76JZP	NR = No Results
A8XLN6	The '32' allele reported at D21S11 for Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. This peak was further evaluated as stutter probabilistically using STRmix to support this interpretation.
A9PPAY	Proficiency only on blood testing for serology.
AFBKCN	Minor additional allele (17@RFU 107) detected at D3S1358 in item 3, is possibly a raised stutter (12.7%) of allele 18 (RFU 841).
AR6XAZ	Serology only.
AVX3YX	All samples have been quantified with PowerQuant, and in both item 3 and 4 we detected human DNA and male DNA. We don't consider quantification of DNA extracts as a part of the screening test, and it is therefore not mentioned under the screening section.
AXTL8Q	NR= No Results
B3JC2D	NR = No results.
B3K6QZ	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.
B4EV4E	YSTR testing only. No analysis for female victim reference sample (#1). Therefore no interpretations for inclusion/exclusion concerning #1.
BC9Y74	The 32 allele reported at D21S11 for Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. This peak was further evaluated as stutter probabilistically using STRmix to support this interpretation.
BEDKUN	STR results reported with stutter filters on
BNYVZN	NR - No results
BTBP3L	NR = no results. Not trained in AP.
C8VH9Y	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.
CL9ZYL	NR = No Result

TABLE 8

WebCode	Additional Comments
CPR3RD	Item 1 was not amplified because it had no male DNA present. No interpretations for Item 1 because no DNA profile was generated for this item.
CQJ78T	NR = no result
CZ6AFT	Item 4: Semen result; this item was only tested for acid phosphatase; therefore, the official conclusion for our lab is "no acid phosphatase, an enzyme found in seminal fluid, was detected"
D2EKVG	Based on the laboratory's proficiency test schedule, Y-STR analysis and Individual Characteristic Database entry are performed once per calendar year. Y-STR analysis and Individual Characteristic Database entry were not performed in this proficiency test.
D2XLHJ	NR = no result
DEKVCQ	NR= No results
DJUWLL	Results reported with stutter filters on.
DUHYUA	ND= Not detected. All potential alleles considered during deconvolution have been reported.
DVDGWB	NR = No Results. KM testing performed by a qualified analyst. NT = Not Tested.
DYCUNG	Body fluid screening was marked "Not Tested" because this analyst does not conduct body fluid screening.
E2FQZH	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
E9ULT6	Mitochondrial DNA and Y-STRs not performed at this laboratory.
EDA47V	The probabilistic genotyping software STRmix (v2.10) was used to resolve the mixed DNA profile obtained from sample 3. The results listed in the CTS report reflect DNA profiles with stutter filters on. Y-STR results not used for interpretation.
EFU48H	NR = No Result
EL3FBA	NR = No Results. NT = Not Tested.
ERRXGL	NR = No Results. NT = Not Tested. Dropout observed for autosomal results in sperm fraction of Item 4. The sperm fraction had an insufficient amount of male DNA detected at quantitation; therefore, only the cell fraction was amplified for Y-STR. Differential extraction performed on this item for testing purposes only.
FLT7HM	Analyst stops after GeneMapper and does not perform any data interpretation.
G976NM	For items 3 and 4, the results include all detected alleles along with the associated stutter peaks. This reflects the data that is imported into STRmix in order to perform probabilistic genotyping.
GDH2HN	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
GR2HHU	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
GRJQAA	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.
HC34HC	STRmix analysis was conducted on this test
HCK6B7	NR=no results. NT = not tested.
HF4WWV	Y-screening was conducted on item 3 and 4. Male DNA was indicated on item 3 and 4.
HVFMEF	NR - No results. No YS or Y-STRs required.
HWQEMC	NR = No Result
J6ZBZG	NR- no results
J9YLWG	NR - no result. Items 1, 2, 3, and 4 were tested with the ForenSeq Signature Prep - Primer Set B kit and the ForenSeq mtDNA Whole Genome kit. Due the the presence of a mixture in item 3, SigPrep and mtDNA data will not be interpreted/reported per SOP. However, as the Y-STR profile from Signature Prep indicated one male contributor, Y-STR data (obtained from the SigPrep kit) for item 3 will be reported.
JACCUC	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
JCE6XJ	Whole genome results were obtained for items 1,2,4, but only HV1/HV2 results were included in the mtDNA results tab as requested by CTS. Mixtures are not interpreted with the mtDNA assay and therefore no results were reported for Item 3.
JMFPZC	For item(s) 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
JNPP6J	Reporting STRmix with stutter filters on.
JTJKYQ	Item 3 was not interpreted due to the indication of a mixture. Mixture profiles are not interpreted for missing persons casework. MiniFiler results for Item 4 concordant with GlobalFiler results. Additional loci are X-chromosome loci from the ArgusX amp kit. ArgusX results for Amel and D21S11 were concordant with GlobalFiler results. HV2 length heteroplasmy present in Items 1 and 4.
JXG3FQ	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 3. The results listed in the CTS report reflect DNA profiles with stutter filters on.
JYBWUM	NR = No result
JZ23FR	Extraction: - Item 1 and Item 2 were extracted using chelex extraction method. - Item 3 and Item 4 were extracted using QIAsymphony DNA Investigator Kit via QIAsymphony SP. Quantitation: - Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: - Item 1, Item 2, Item 3 and Item 4 were amplified using Globalfiler PCR Amplification kit on ABI GeneAmp PCR System 9700. - Item 2, Item 3 and Item 4 were amplified using AmpFLSTR Y-Filer 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 (Globalfiler kit). - Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2, Item 3 and Item 4 (Y-filer kit). Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM : non-male profile.
KCT3LF	NR = no results.
KP7ZVQ	"The probabilistic genotyping software STRmix v2.10.0 was used to resolve the mixed DNA profile obtained from item 3. The results listed in the CTS report reflect DNA profiles with stutter filters on."

TABLE 8

WebCode	Additional Comments
KRQZUQ	Extraction: Item 1 and Item 2 were extracted using chelex extraction method. Item 3 and Item 4 were extracted using QIASymphony DNA Investigator KIT via QIASymphony SP. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI Quantstudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2, Item 3 and Item 4 were amplified using AmpFISTR 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 (GlobalFiler kit). Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for item 2, item 3 and Item 4 (Y-Filer kit). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM : non-male profile.
L76KUB	NR = No Results
LBGJAB	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
LD2CCR	NR=NO RESULTS. **=POSSIBLE STUTTER.
LD448E	NR - no results
LD6XXK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
LHDHPD	Item 3 has a 17 stutter peak at D3S1358. Item 3 has a 13 stutter peak at TPOX.
M8CK4A	NR = No Results
MA3F4C	The 13 allele at D16S539, the 30.2 allele at D21S11, and the 10 allele at TPOX in item 3 are stutters.
MC3YQW	Mitochondrial & Y-STR DNA analysis not performed at this lab.
MPTHKG	The blood stains on Item 4 generated a male DNA profile of unknown origin
MVKNCA	For Item 3 reported results at the D21S11 locus there is a 32 allele that is ~1.8% above stutter cut off that is listed in our manual for this locus. Looking at the overall profile for Item 3 this 32 allele at D21S11 is being interpreted as elevated stutter and the profile is determined to be a mixture of two individuals for STRmix. Since this 32 allele is above our manual's stutter cut off, it is being added to the results section for Item 3.
MWVQX9	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
MYJ6MJ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
NH9PVM	Extraction: - Item 1 and Item 2 were extracted using chelex extraction method. - Item 3 and Item 4 were extracted using Investigator kit on QIASymphony automation platform. Quantification: - Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio Quantification kit on QuantStudio 5 Real Time PCR System. Amplification: - Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification kit on GeneAmp PCR System 9700. - Item 2, Item 3 and Item 4 were further amplified using AmpFISTR YFiler PCR Amplification kit on GeneAmp PCR System 9700. Electrophoresis: - Item 1, Item 2, Item 3 and Item 4 were run on ABI 3500xL Genetic Analyzer for GlobalFiler. - Item 2, Item 3 and Item 4 were run on ABI 3500xL Genetic Analyzer for Y-STR. Quality Control: - Reagent Blank, Positive Control and Negative Control were incorporated throughout the analysis and gave satisfactory results. NM represent Non-male profile.
P4NHJ8	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.

TABLE 8

WebCode	Additional Comments
PJC2YG	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report.
PJVTYE	For items 3 and 4, the results include all detected alleles along with the associated stutter peaks. This reflects the data that is imported into STRmix in order to perform probabilistic genotyping.
PQGTCL	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.
Q87ZEX	NR= no result. NT= not tested. STRs only.
Q8ZY2B	Reporting data with stutter filters on
QKM4KF	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. (This may incorporate stutter peaks that would have been filtered during conventional analysis.)
QKT97K	Results concordant with the results obtained by Identifiler Plus were obtained from the MiniFiler results. The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 3. The results listed in the CTS report reflect DNA profiles with stutter filters on
QPWG3E	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR=Not reported
QT4PF6	Probabilistic Genotyping Results: All comparisons were conducted by the analyst prior to using the STRmix software. STRmix was used to calculate the following propositions: Item3: 1Bs1As_1BsU. (Conditioned on 1Bs (item 2) in likelihood ratio for item 3 based on case scenario stating Item 3 is suspect's shirt, also visually verified during comparisons). Other Notes: Item 1 - Processed on ANDE and Fusion 6C. Item 2 - Processed on RapidHIT ID. Key: 1As = Item 1, 1Bs = Item 2.
R34J89	NR = no results. Item 3 contained a mixture and therefore, the mtDNA and SigPrep profiles were not reported as a result (with the exception of the Y-STRs). Per laboratory protocol, mixed mtDNA/SigPrep profiles are inconclusive for comparison purposes. HV1 range reported - 16024-16365, HV2 range reported - 73-340
R9R9NC	Analyst is only authorized for serological reporting. Therefore, only serology results are reported.
RU9PY3	STRmix analysis was conducted on this test.
RXUA47	NR= No Results. Y-Screen and YSTR analysis was not performed.
T3YRF4	NR = No results
T6PNF7	The following alleles are considered artifacts for item 3: 13 at D13S317, 13 and 16 at D16S539, and 32 at D21S11.
TKE2F6	NR = No Results
TLAEE7	Item 3, D3S1358, 17 is a stutter. Item 3, TPOX, 13 is a stutter.
TRYWTG	Not authorized to perform Y-STR/mtDNA testing and analysis

TABLE 8

WebCode	Additional Comments
UEMWG9	Massively parallel sequencing (MPS) of the Mitochondrial DNA (mtDNA) genome was performed using the Applied Biosystems Precision ID mtDNA whole genome system. A whole mtDNA genome sequence may be obtained for the items noted however, only the HVR 1 and HVR 2 differences will be reported on the mtDNA tab for the common ranges of HV1 (16024-16365) and HV2(73-340). Whole genome sequences were obtained for items 1, 2, and 4 and are available if needed. A mtDNA mixture was obtained for item 3 therefore no interpretation was done. To see the WG sequences obtained please see file [Laboratory Specific Naming Convention].
UERLKL	Elevated stutter left in for Items 3 and 4 due to use of STRmix.
UL79K3	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported."
UNQ9D3	Screening results: Screening test not performed on Item 1: Known blood from the female victim. Screening test not performed on Item 2: Known blood from the male suspect. Screening for the presence of male DNA using the Plexor HY real time PCR system was performed on Item 3: Questioned stain from suspect's shirt (pink). Male DNA was detected on this item. Screening for the presence of male DNA using the Plexor HY real time PCR system was performed on Item 4: Questioned stain from victim's shirt (green). Male DNA was detected on this item.
UPUM9C	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
UQ339H	Item 3: [] means I made no conclusions regarding the additional type
UX4BMB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results. Item 4: The "15" being reported at DYS437 is likely elevated stutter but its level exceeds expectations based on our lab's internal validation of the Yfiler Plus kit.
UYUFB3	Presumptive testing detected the possible presence of blood on Items 3 and 4. Semen was not detected on Items 3 and 4. Items 1 and 2 were saved for possible DNA Analysis. Items were not tested for saliva or human origin because the laboratory does not currently have validated methods for these tests.
V2H76T	NR = not recorded. NT = not tested. STR testing only.
V8L2ZL	[From Table 6: Mitochondrial DNA Results, HVRII: Item 4, Base Position 309.2: "(heteroplasmy)"]
VKVP9Y	Body fluid screening marked not tested because this analyst does not conduct body fluid screening.
VMGN39	For items 3 and 4, the results include all detected alleles along with the associated stutter peaks.
VNPVGA	NR = no results
VPHKR3	No interpretation was reported for the female victim. The female sample was not analyzed due to this proficiency test being analyzed for male specific Y-STRs.
VQYUQV	Results previously generated by analyst as part of pre-distribution testing for Test No. 25-5701.
VUFWXZ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.

TABLE 8

WebCode	Additional Comments
W9BWXU	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.
WGPQ76	NR=no results, PPF and MF are concordant for Item 4
WJW4UX	This lab does not perform Y-STR or mtDNA testing.
WT2X8B	CO scientist. Not trained in data interpretation.
WT86FY	Body fluid screening was marked 'Not Tested' because this analyst does not conduct body fluid screening.
Y33XV4	NR = No Results. PowerPlex Fusion & Minifiler concordant at overlapping loci for Item 2. PowerPlex Fusion & Minifiler concordant at overlapping loci for Item 4.
Y664WF	On Item 3 at D31358 there is an elevated stutter.
Y7DFN4	Analyst performs data analysis using GeneMapper but does not perform data interpretation or reporting.
YBX3N4	A foreign male DNA profile is present on item 4
YFNGA6	Scientist is authorized through data analysis and does not compare/report DNA results.
YREC86	For items 3 and 4, the results include all detected alleles along with the associated stutter peaks. This reflects the data that is imported into STRmix in order to perform probabilistic genotyping.
YRJN8A	Item 3 was not interpreted since it was a mixture and mixtures are not interpreted using MP protocols. Additional Loci are from ArgusX kit (XSTRs). D21S11 and Amelogenin results obtained from the ArgusX kit are concordant with the D21S11 and Amelogenin results obtained from GF for all samples. Results for Item 4 from the overlapping loci in MF are concordant with the results obtained from GF for all samples. Mito: Item 3 was not sequenced since GF results indicated a mixture and mixtures are not interpreted for mtDNA. HV2 length heteroplasmy present in Items 1 and 4
YVZ82P	NR - No Results. NT - Not Tested. No comparisons made. Test is for bench processing only. Per policy, this proficiency test covers GlobalFiler testing only.
Z89AQ8	Serology only.
Z9NCYZ	Serology only proficiency.
ZAETVU	Examination for blood was marked "Not Tested" because this analyst will conduct body fluid screening for blood in a subsequent proficiency test. Examination for semen was marked "Not Tested" because this analyst does not conduct body fluid screening for semen.
ZJZV6M	NR = No results. GlobalFiler Express testing performed by another analyst. Data was analyzed by this DNA analyst.
ZRU3VV	Reporting results with stutter filters on. This lab does not perform Y-STR or mtDNA testing.
ZUMT7F	serology only
ZVGNLW	Presumptive testing detected the possible presence of blood on Items 1C and 1D. NR = no results. ()= lighter intensity allele.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 25-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 10, 2025, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: V9ZGF9

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

Scenario:

Police are investigating a homicide involving a female victim and male suspect. The victim's body was found in the bed of a hotel room. The suspect is the victim's boyfriend and has been apprehended. Police are submitting a stain from the shirt the suspect was wearing at the time of arrest (Item 3) and a stain from the shirt the victim was wearing at the time her body was found by police (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B1):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

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

Item 4: Questioned stain from victim's shirt (green)

Part I: SCREENING TESTS

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

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

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

Item 3:

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

Item 4:

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

Part II: DNA Results for Known Item 1

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

STR Amplification Kit(s) Used:

Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler®
 GlobalFiler™
 Investigator® 24plex

 PowerPlex®
 Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in Default order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
1						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
1						

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

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

		<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
		Item 3	Item 4	Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	<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.

Note: Please use appropriate punctuation to indicate the end of sentences, sections, and statements in the free-form space below. Extra spacing and returns used for separation within your text will not transfer and may cause your information to be illegible in the Summary Report. The use of lists and tabular formats to deliver information is also cautioned against, as these do not transfer.

RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

ANAB Certificate No.

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)