



Forensic Biology Test No. 24-5705

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 726 participants and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1 - 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (75 µL) and Item 3 (50 µL) were created using blood from the same female donor. Item 2 (75 µL) was created using blood from a male donor. Item 4 (50 µL) was created using blood from an additional male donor whose known standard was not provided. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample packs were stored at -20°C until shipment on September 04, 2024 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	NM	NM	NM	NM	
2	15,16	17,24	10,11	15,16	10,11	11,17
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31,2,32,2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24,2	7,9,3	8,11
	17,17	11	18	18	2	
3	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	NM	NM	NM	NM	
4	11,16,3	17,18	11,12	16,17	11,12	17,19
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17	2	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	33,36	14	11,14	14	31	24	11	13	13
	14	12	13	19	29	16	16	11	21
	37	13	11	18	18	21	23	10	12
4	35,36	14	12,14	13	29	24	10	13	13
	15	12	12	19	29	15	17	10	22
	41	12	13	18	17	22	23	10	11

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.

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

Deviations HVR-II, HVR-I

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.

ITEM 1	G	73.0	G	73.0	C	146.0	T	150.0	C	152.0	G	263.0	T	182.0	C	195.0	T	198.0	C	204.0	A	207.0	G	263.0	C	315.1	A	16114.0	A	16129.0	A	16114.0	A	16129.0	G	16212.0	A	16213.0	T	16223.0	T	16278.0	A	16390.0
ITEM 2	G	73.0	C	146.0	C	150.0	C	152.0	G	263.0	T	182.0	C	195.0	C	198.0	C	204.0	A	207.0	G	263.0	C	315.1	A	16114.0	A	16129.0	A	16114.0	A	16129.0	G	16212.0	A	16213.0	T	16223.0	T	16278.0	A	16390.0		
ITEM 3	G	73.0	C	146.0	T	C	C	152.0	T	C	T	C	C	198.0	T	204.0	A	207.0	G	263.0	C	315.1	A	16114.0	A	16129.0	A	16114.0	A	16129.0	G	16212.0	A	16213.0	T	16223.0	T	16278.0	A	16390.0				
ITEM 4	G	73.0	C	195.0	G	263.0	C	315.1	C	16124.0	T	16223.0	C	16093.0	C	16124.0	T	16223.0	A	207.0	G	263.0	C	315.1	A	16114.0	A	16129.0	A	16114.0	A	16129.0	G	16212.0	A	16213.0	T	16223.0	T	16278.0	A	16390.0		

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 and Item 3 were created using blood from the same female donor. Item 2 was created using blood from a male donor. Item 4 was created using blood from an additional male donor whose known standard was not provided. Refer to the Manufacturer's Information for preparation details.

Data were returned by 726 participants.

Screening Test Results

Screening results for body fluids were returned by a total of 632 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 and saliva, all participants reported "Negative." For Human Origin Screening, all participants reported "Positive." For Y Screening, all but two participants reported "Negative." Of the remaining participants, one reported "Inconclusive" and the other reported "Positive."

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

DNA Analysis

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

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

DNA Interpretations

Of the 685 participants that returned DNA results, 640 reported DNA interpretations for one or both questioned stains. Twenty-eight participants selected the "No Interpretation" option for each conclusion, one did not respond, and sixteen stated the samples were analyzed for database purposes only.

For Item 3, all participants included the victim (Item 1) and all but one participant excluded the suspect (Item 2) as possible contributors to the stain. The remaining participant reported "Inconclusive" as to whether the suspect was a contributor to the stain.

For Item 4, all but two participants excluded the victim (Item 1) and all but three excluded the suspect (Item 2) as possible contributors to the stain. Of the remaining participants, two participants reported "Inconclusive" as to whether both the victim and suspect were contributors and one reported "Inconclusive" as to whether the suspect was a contributor 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
23H73M	Pos KM	Pos KM
23JBTG	Pos ABA Heme	Pos ABA Heme
24G3ZX	Pos TMB, HemaTrace	Pos TMB, HemaTrace
2CNHAX	Pos LMG	Pos LMG
2GZFRR	Pos KM, HemaTrace	Pos KM, HemaTrace
2HVE8W	Pos KM, Hemdirect	Pos KM, Hemdirect
2KZNV3	Pos KM	Pos KM
2LFNFR	Pos KM	Pos KM
2R3NGQ	Pos KM	Pos KM
2RMR6B	Pos KM	Pos KM
2TZHEF	Pos KM	Pos KM
2U6LRH	Pos O-tol	Pos O-tol
2WE3EA	Pos TMB	Pos TMB
2WHM6X	Pos KM; HEM	Pos KM; HEM
324H33	Pos KM, TMB	Pos KM, TMB
32MEGM	Pos KM	Pos KM
33X7MJ	Pos RSID	Pos RSID
37FEX4	Pos KM	Pos KM
392QME	Pos TMB	Pos TMB
398BLX	Pos KM	Pos KM
3AGM2E	Pos KM	Pos KM
3B8LFC	Pos KM	Pos KM
3FL4XU	Pos KM, HT	Pos KM, HT
3FM3PG	Pos LMG, HT	Pos LMG, HT
3H9PH4	Pos KM, HemaTrace	Pos KM, HemaTrace
3HCT9E	Pos TMB, IR	Pos TMB, IR
3JK6QG	Pos TMB	Pos TMB
3JPK3G	Pos KM	Pos KM
3LVZH	Pos KM	Pos KM
3NMW8U	Pos PTMB	Pos PTMB
3NZ6W4	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3PCMC3	Pos KM	Pos KM
3TDQ4P	Pos KM	Pos KM
3TQDEU	Pos KM, HemaTrace	Pos KM, HemaTrace
3Y3XEM	Pos KM	Pos KM
3YHLPA	Pos ABA heme	Pos ABA heme
3ZRR6J	Pos TMB	Pos TMB
43UKM2	Pos LMG	Pos LMG
44ABPE	Pos PHT, IR	Pos PHT, IR
4642VT	Pos KM	Pos KM
47UZ9Q	Pos KM	Pos KM
48ULVB	Pos HemDirect	Pos HemDirect
49LHK6	Pos KM	Pos KM
4AV7LC	Pos KM	Pos KM
4B97W6	Pos TMB	Pos TMB
4BPU7R	Pos KM + qRT-PCR	Pos KM + qRT-PCR
4JJKME	Pos KM	Pos KM
4JKW94	Pos O-tol	Pos O-tol
4JM3MX	Pos LMG	Pos LMG
4PNWLE	Pos TMB	Pos TMB
4Q4GRN	Pos KM, HemaTrace	Pos KM, HemaTrace
4RFYBF	Pos O-tol	Pos O-tol
4T6VPD	Pos IR, TMB	Pos IR, TMB
4TPD82	Pos LMG	Pos LMG
4U62HN	Pos KM	Pos KM
4UHXL8	Pos KM, ABACard-HemaTrace	Pos KM, ABACard-HemaTrace
4WAUA2	Pos KM, HemaTrace	Pos KM, HemaTrace
4YYJUZ	Pos LMG	Pos LMG
4ZBFY6	Pos KM	Pos KM
4ZC3PQ	Pos KM, HemaTrace	Pos KM, HemaTrace
6AECL2	Pos KM	Pos KM
6CKF93	Pos KM	Pos KM
6CXLCE	Pos TMB	Pos TMB
6EQMQV	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
6FCPAN	Pos KM, HemDirect	Pos KM, HemDirect
6FJPH6	Pos KM, Haemoglobin (HemaTrace)	Pos KM, Haemoglobin (HemaTrace)
6H6XPE	Pos O-tol	Pos O-tol
6HLZBT	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6K9NXE	Pos TMB	Pos TMB
6PQFZM	Pos KM	Pos KM
6PY9CV	Pos O-tol, HemDirect	Pos O-tol, HemDirect
6QBYMK	Pos KM	Pos KM
6WL2NU	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6XJJAB	Pos HemDirect	Pos HemDirect
72XNBD	Pos IR, TMB	Pos IR, TMB
734H2P	Pos HemaTrace ABACard, KM	Pos HemaTrace ABACard
73LRT7	Pos KM	Pos KM
76DMGY	Pos KM	Pos KM
77379Y	Pos KM, HemaTrace	Pos KM, HemaTrace
78FNHW	Pos PTMB	Pos PTMB
79T8F9	Pos KM	Pos KM
7AQWV4	Pos KM, IR	Pos KM, IR
7CR29N	Pos KM	Pos KM
7MEXEV	Pos LMG	Pos LMG
7UBAGY	Pos KM, HemaTrace	Pos KM, HemaTrace
7UF9T2	Pos KM	Pos KM
7WGWQX	Pos Hexagon OBTI	Pos Hexagon OBTI
8272UL	Pos KM	Pos KM
82PK2D	Pos TMB	Pos TMB
863KX6	Pos RSID (Bluestar OBTI)	Pos RSID (Bluestar OBTI)
86MA4P	Pos KM, HemaTrace	Pos KM, HemaTrace
872L7H	Pos KM, HemaTrace	Pos KM, HemaTrace
8CULPJ	Pos KM	Pos KM
8F6WFT	Pos KM	Pos KM
8FQAA6	Pos KM, HemaTrace	Pos KM, HemaTrace
8K76YM	Pos KM	Pos KM
8LHGLE	Pos O-tol	Pos O-tol

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
8M637N	Pos KM	Pos KM
8Q8KKP	Pos KM	Pos KM
8QA3RZ	Pos KM	Pos KM, HemaTrace
8QTPTA	Pos IR, TMB	Pos IR, TMB
8QUTR8	Pos IR, TMB	Pos IR, TMB
8UTXXK	Pos KM	Pos KM
8WJHZN	Pos PTMB, HemaTrace	Pos PTMB
8WXUUM	Pos KM	Pos KM
8X97LK	Pos KM	Pos KM
8Y7J67	Pos ABA Heme	Pos ABA Heme
8YZBZ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
8ZECXP	Pos KM	Pos KM
8ZJGPV	Pos LMG	Pos LMG
928CPA	Pos TMB	Pos TMB
92MCA6	Pos KM	Pos KM
92NTHG	Pos KM	Pos KM
92NZZW	Pos O-tol	Pos O-tol
94W96A	Pos TMB	Pos TMB
96NYY9	Pos TMB	Pos TMB
97JR78	Pos KM	Pos KM
98WJZA	Pos TMB	Pos TMB
99MMMPB	Pos O-tol	Pos O-tol
99RKYR	Pos LMG	Pos LMG
9BDPWJ	Pos KM	Pos KM
9EA39T	Pos LMG	Pos LMG
9EDZQY	Pos KM	Pos KM
9G3MKR	Pos LMG	Pos LMG
9GE74J	Pos KM	Pos KM
9JNBG8	Pos KM	Pos KM
9KF772	Pos Human HB	Pos Human HB
9PCT2B	Pos TMB	Pos TMB
9Q4G9P	Pos KM; HEM	Pos KM; HEM
9QU7Y2	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9RGDWX	Pos KM, HemaTrace	Pos KM, HemaTrace
9TDU28	Pos IR, PHT	Pos IR, PHT
9TDYEV	Pos O-tol	Pos O-tol
9URLCV	Pos KM	Pos KM
9W8TCW	Pos KM	Pos KM
9WWW9D	Pos TMB, PHT	Pos TMB, PHT
9ZLLZM	Pos KM, HemaTrace	Pos KM, HemaTrace
A224WV	Pos KM test	Pos KM Test
A3FCCB	Pos TMB	Pos TMB
A62TE9	Pos IR, TMB	Pos IR, TMB
A6ZERU	Pos KM	Pos KM
A7JTKJ	Pos KM, HemaTrace	Pos KM, HemaTrace
A9NKCW	Pos O-tol, HemDirect	Pos O-tol, HemDirect
ABCR2Z	Pos RSID Blood	Pos RSID Blood
ABPZQ9	Pos TMB	Pos TMB
ADXXFJ	Pos KM	Pos KM
AEBPAL	Pos KM	Pos KM
AHM6QH	Pos TMB, Micro-Takayama	Pos TMB, Micro-Takayama
AMFNTV	Pos KM, TMB	Pos KM, TMB
AMYPHJ	Pos LMG	Pos LMG
APNUGH	Pos KM	Pos KM
AQ4RNT	Pos O-tol	Pos O-tol
ATN6BW	Pos LMG	Pos LMG
AUMTN7	Pos KM	Pos KM
AUPCVH	Pos KM, HemaTrace	Pos KM, HemaTrace
B379MN	Pos LMG, HemDirect	Pos LMG, HemDirect
B89FFJ	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
B92VQA	Pos O-tol	Pos O-tol
BGE928	Pos KM, Seratec	Pos KM, Seratec
BJFDC8	Pos IR, TMB	Pos IR, TMB
BLHXZL	Pos LMG, RSID Blood	Pos LMG, RSID Blood
BUGDX7	Pos KM	Pos KM
BW9QYH	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BXDKA9	Pos KM	Pos KM
BYPU8U	Pos KM	Pos KM
C2UCUA	Pos IR, Luminol, KM	Pos IR, Luminol, KM
C46W3J	Pos Hemastix, Takayama	Pos Hemastix, Takayama
C4XC7M	Pos Kastle Meyer	Pos Kastle Meyer
C6TZKC	Pos KM, HemaTrace	Pos KM, HemaTrace
C7TGWU	Pos O-tol	Pos O-tol
C82F84	Pos IR, TMB	Pos IR, TMB
CAN96R	Pos LMG	Pos LMG
CBFYPR	Pos KM, TMB	Pos KM, TMB
CBZQMH	Pos KM, HemaTrace	Pos KM, HemaTrace
CCBWFR	Pos LMG	Pos LMG
CDLVDL	Pos TMB(Hemastix), HemaTrace	Pos TMB(Hemastix), HemaTrace
CDRKQE	Pos KM	Pos KM
CEDF67	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
CJYJBW	Pos TMB	Pos TMB
CKQ2BR	Pos KM, TMB	Pos KM, TMB
CN9ALD	Pos KM, HemaTrace	Pos KM, HemaTrace
CNMVWZ	Pos KM; HemaTrace	Pos KM; HemaTrace
CP3HN8	Pos KM	Pos KM
CPL773	Pos IR, TMB	Pos IR, TMB
CPZ6A8	Pos KM	Pos KM
CQEUBY	Pos LMG	Pos LMG
CTHPU2	NT	Pos LMG
CUALJV	Pos O-tol	Pos O-tol
CUN2F2	Pos RSID	Pos RSID
CUTX99	Pos TMB	Pos TMB
CV7FFK	Pos TMB	Pos TMB
CY3RUQ	Pos LMG	Pos LMG
CYABYN	Pos LMG	Pos LMG
CZJZM7	Pos KM	Pos KM
D2PN2H	Pos KM, HemaTrace	Pos KM, HemaTrace
D4VAR3	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
D73EJ7	Pos KM, HemaTrace	Pos KM, HemaTrace
DALXNE	Pos PTMB, RSID	Pos PTMB, RSID
DBCPHR	Pos KM, HemaTrace	Pos KM, HemaTrace
DBW9G8	Pos LMG	Pos LMG
DEB2DR	Pos RPT, HemaTrace	Pos RPT, HemaTrace
DHU9FH	Pos KM, HemaTrace	Pos KM, HemaTrace
DJAWEK	Pos KM, HemDirect	Pos KM, HemDirect
DK3THK	Pos KM	Pos KM
DKMEBB	Pos KM	Pos KM
DLVWJ2	Pos LMG	Pos LMG
DN66NF	Pos KM	Pos KM
DPCJUL	Pos KM	Pos KM
DQ88AB	Pos KM, HemaTrace	Pos KM, HemaTrace
DQVRFN	Pos LMG	Pos LMG
DTKV9V	Pos KM	Pos KM
DTWC7N	Pos KM, HemaTrace	Pos KM, HemaTrace
DVN8VH	Pos KM	Pos KM
DWDQLH	Pos RSID-Blood	Pos RSID-Blood
DWGQMN	Pos LMG	Pos LMG
DYNYZE	Pos KM, HemaTrace	Pos KM, HemaTrace
DZAHFJ	Pos KM, HemaTrace	Pos KM, HemaTrace
E47H8G	Pos KM	Pos KM
E4YAQN	Pos KM	Pos KM
E4Z82J	Pos KM	Pos KM
E7XGLE	Pos KM, HemaTrace	Pos KM, HemaTrace
EAL89J	Pos KM	Pos KM
EFMLUK	Pos KM	Pos KM
EGGCZZ	Pos IR, TMB	Pos IR, TMB
EGRUJQ	Pos KM, HemaTrace	Pos KM, HemaTrace
EMQFYE	Pos KM, HemaTrace	Pos KM, HemaTrace
EMRUB9	Pos PHT	Pos PHT
EQJQJD	Pos TMB, Micro	Pos TMB, Micro
EQQN4P	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
EUK873	Pos KM	Pos KM
EVHYDM	Pos LMG	Pos LMG
EXAC3F	Pos KM	Pos KM
EXNXE3	Pos IR, PHT	Pos IR, PHT
F24P2P	Pos KM, HemaTrace	Pos KM, HemaTrace
F8CJ9K	Pos KM	Pos KM
F97AEY	Pos TMB, IR	Pos TMB, IR
FBR2CM	Pos KM	Pos KM
FCL247	Pos TMB, HemaTrace	Pos TMB, HemaTrace
FDCLVQ	Pos BLUESTAR (luminol)	Pos BLUESTAR (luminol)
FDKX2G	Pos PTMB	Pos PTMB
FNDVT2	Pos IR, TMB	Pos IR, TMB
FUNE2N	Pos LMG	Pos LMG
FVDFRQ	Pos KM	Pos KM
FVZ6CD	Pos PTMB	Pos PTMB
FW9LZB	Pos KM	Pos KM
FWU3GD	Pos KM	Pos KM
FYYKML	Pos LMG	Pos LMG
G22HC3	Pos TMB	Pos TMB
G2FC4G	Pos KM, Hemdirect	Pos KM, Hemdirect
G3G3HC	Pos KM, HemaTrace	Pos KM, HemaTrace
G3RK23	Pos KM, LMG, RSID	Pos KM, LMG, RSID
G62YXP	Pos LMG	Pos LMG
G6HM9C	Pos KM	Pos KM
G786YC	Pos KM	Pos KM
G7U6Z2	Pos LMG	Pos LMG
G8LRBY	Pos LMG	Pos LMG
G9CQPW	Pos KM	Pos KM
G9K79B	Pos KM	Pos KM
GAFP8Q	Pos KM	Pos KM
GARG3T	Pos KM Haematrace	Pos KM Haematrace
GBMM3E	Pos KM, HemaTrace	Pos KM, HemaTrace
GCYCHK	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
GE4VQD	Pos KM, HemaTrace	Pos KM, HemaTrace
GFEULM	Pos LMG	Pos LMG
GH4946	Pos BLUESTAR Identi-HEM	Pos BLUESTAR Identi-HEM
GH88LY	Pos KM	Pos KM
GHL9AF	Pos KM	Pos KM
GJXBBZ	Pos KM	Pos KM
GLLRMT	Pos TMB	Pos TMB
GM2FXF	Pos KM	Pos KM
GRNXBZ	Pos PTMB, HemDirect	Pos PTMB, HemDirect
GRTDCB	Pos KM	Pos KM
GUVGZR	Pos TMB	Pos TMB
GUY97A	Pos KM	Pos KM
GV6VE8	Pos KM, HemaTrace	Pos KM, HemaTrace
GXXQ42	Pos KM	Pos KM
GY928D	Pos KM, HemaTrace	Pos KM, HemaTrace
H2A3B3	Pos KM	Pos KM
H2GJTF	Pos KM	Pos KM
H392UB	Pos KM	Pos KM
H3R3HX	Pos Infrared Light, PHT	Pos Infrared Light, PHT
H7L2Q2	Pos O-tol	Pos O-tol
H8LH3K	Pos KM	Pos KM
H9AMBC	Pos KM rub	Pos KM rub
H9B7NF	Pos KM	Pos KM
H9DERE	Pos PTMB, HemaTrace	Pos PTMB
HAB7PZ	Pos TMB	Pos TMB
HAQXM6	Pos KM, Luminol	Pos KM, Luminol
HBLGTC	Pos KM	Pos KM
HDA6XP	Pos KM	Pos KM
HDUMFD	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
HFH3MZ	Pos KM, HEM	Pos KM, HEM
HFU2D3	Pos TMB	Pos TMB
HJYMB2	Pos KM	Pos KM
HNMX2K	Pos KM, TMB	Pos KM, TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HTJRKL	Pos KM, Hemastix	Pos KM, Hemastix
HTYR7H	Pos KM	Pos KM
H WLAN3	Pos TMB	Pos TMB
HXB72F	Pos KM	Pos KM
HXCDD4	Pos O-tol	Pos O-tol
HXEM2Z	Pos KM, HemDirect	Pos KM, HemDirect
HXEZUG	Pos LMG	Pos LMG
HXG9XF	Pos KM	Pos KM
HXTPV9	Pos KM	Pos KM
J29GJF	Pos KM	Pos KM
J2PMVY	Pos LMG, HemaTrace	Pos LMG, HemaTrace
J4XDYE	Pos hemastix and HemaTrace	Pos hemastix and HemaTrace
JBUUBY	Pos LMG, HemaTrace	Pos LMG, HemaTrace
JD36N9	Pos PTMB, HemDirect	Pos PTMB, HemDirect
JD8K2A	Pos KM, HemDirect	Pos KM, HemDirect
JDFF3M	Pos KM, HemaTrace	Pos KM, HemaTrace
JET67Y	Pos LMG	Pos LMG
JFTNA8	Pos KM	Pos KM
JFV8FH	Pos KM	Pos KM
JHF8B6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
JN4QV8	Pos KM, HemDirect	Pos KM, HemDirect
JQQU9D	Pos HEM	Pos HEM
JV3F87	Pos TMB	Pos TMB
JV4KXV	Pos KM, HemaTrace	Pos KM, HemaTrace
JW9E8Z	Pos LMG, HemaTrace	Pos LMG, HemaTrace
JYKCZ3	Pos TMB	Pos TMB
JZGKVM	Pos KM	Pos KM
K6CUZY	Pos KM	Pos KM
K6NBXT	Pos ABA Heme	Pos ABA Heme
K8EZ9D	Pos KM, Hemdirect	Pos KM, Hemdirect
K8W228	Pos PTMB, HemaTrace	Pos PTMB
K93VW2	Pos Tetrabase test	Pos Tetrabase test
KBEK8Q	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KDFGGX	Pos TMB	Pos TMB
KDGJHJ	Pos KM	Pos KM
KFNE28	Pos KM, HemaTrace	Pos KM, HemaTrace
KGHNV4	Pos KM, HemaTrace	Pos KM, HemaTrace
KJNQW8	Pos KM, HemaTrace	Pos KM, HemaTrace
KQ8FWH	Pos KM	Pos KM
KQT8TM	Pos O-tol, PPTH, HemDirect, ALS	Pos O-tol, PPTH, HemDirect, ALS
KVF49X	Pos TMB	Pos TMB
KWBV8P	Pos TMB	Pos TMB
KWCC4G	Pos PTMB	Pos PTMB
KYH6BF	Pos KM	Pos KM
KZATFB	Pos KM	Pos KM
KZBPQ8	Pos KM	Pos KM
KZBVGU	Pos IR, TMB	Pos IR, TMB
L29GW7	Pos KM, HemaTrace	Pos KM, HemaTrace
L4A4CB	Pos KM	Pos KM
L88PY8	Pos KM	Pos KM
L8C2M4	Pos KM & HemDirect	Pos KM & HemDirect
LC3G86	Pos KM, HemaTrace	Pos KM, HemaTrace
LCG3JR	Pos ABA Hemecard	Pos ABA Hemecard
LCY8QB	Pos KM, HemaTrace	Pos KM, HemaTrace
LCYX2T	Pos KM	Pos KM
LDYB4U	Pos KM, HD	Pos KM, HD
LHMLVY	Pos ALS, LMG, ABA HemaTrace	Pos ALS, LMG, ABA HemaTrace
LKZ46V	Pos PHT, IR	Pos PHT, IR
LL8NM4	Pos KM, HemaTrace	Pos KM, HemaTrace
LLQ8UW	Pos KM	Pos KM
LLUUABB	Pos KM	Pos KM
LMVA8E	Pos O-tol, Seratec Hemdirect, Seratec PMB	Pos O-tol, Seratec Hemdirect, Seratec PMB
LP9PPM	Pos O-tol	Pos O-tol
LUL9CV	Pos IR, KM	Pos IR, KM
LULAV9	Pos HemaTrace	Pos HemaTrace
LUM3V2	Pos PHT, TMB	Pos PHT, TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LWACR2	Pos IR, Luminol, KM	Pos IR, Luminol, KM
LX6VX9	Pos KM	Pos KM
LXKNJX	Pos O-tol	Pos O-tol
LYTVNC	Pos KM	Pos KM
M6DF6W	Pos KM, LMG, RSID	Pos KM, LMG, RSID
M6XYCP	Pos ABA Heme	Pos ABA Heme
M86EHV	Pos KM	Pos KM
M8R44G	Pos LMG	Pos LMG
MB23XG	Pos LMG	Pos LMG
MBQFZG	Pos LMG	Pos LMG
MDA9D9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
MGU3FH	Pos KM	Pos KM
MHJK7H	Pos KM, HemaTrace	Pos KM, HemaTrace
MHKW27	Pos KM, HemaTrace	Pos KM, HemaTrace
MHPBE8	Pos KM, HemDirect	Pos KM, HemDirect
MK9MER	Pos KM	Pos KM
MKT3PT	Pos KM	Pos KM
MKTG2M	Pos KM	Pos KM
MP74T7	Pos LMG	Pos LMG
MQD6NH	Pos LMG	Pos LMG
MRDC7X	Pos TMB	Pos TMB
MW9P2E	Pos LMG	Pos LMG
MYDM4U	Pos KM, Hem	Pos KM, Hem
N372AG	Pos KM	Pos KM
N3QQBN	Pos KM	Pos KM
N3RUCA	Pos KM, rtPCR	Pos KM, rtPCR
N4WVM7	Pos TMB	Pos TMB
N7LWUF	Pos Hstix	Pos Hstix
NAPLK4	Pos KM	Pos KM
NEX74U	Pos KM	Pos KM
NH4XQU	Pos KM, HEM	Pos KM, HEM
NH7FW6	Pos KM, HemaTrace	Pos KM, HemaTrace
NHYHDT	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
NJUK4C	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
NQG2JE	Pos KM	Pos KM
NR9X89	Pos PTMB	Pos PTMB
NWJJUE	Pos KM, TMB	Pos KM, TMB
NY76RW	Pos TMB	Pos TMB
NZLYJB	Pos KM, HemDirect	Pos KM, HemDirect
NZZXMF	Pos KM, HemaTrace	Pos KM
P3H3N3	Pos KM	Pos KM
P3KMH	Pos KM	Pos KM
P4DMB3	Pos PTMB, HemDirect	Pos PTMB, HemDirect
P4UBLP	Pos LMG	Pos LMG
P4Y22Z	Pos KM	Pos KM
P77JYW	Pos TMB	Pos TMB
P7L8AJ	Pos KM	Pos KM
P8TP9E	Pos HemaTrace	Pos HemaTrace
P9UKVQ	Pos IR, PHT	Pos IR, PHT
PA7PH9	Pos KM	Pos KM
PAKNMC	Pos PTMB	Pos PTMB
PBUQBW	Pos TMB	Pos TMB
PC8A8M	Pos HEMASTIX, HEMIRECT	Pos HEMASTIX, HEMIRECT
PCTVRQ	Pos IR, PHT	Pos IR, PHT
PD7BFZ	Pos KM, HemaTrace	Pos KM, HemaTrace
PFVXAU	Pos KM	Pos KM
PGKUD9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
PHDW84	Pos KM	Pos KM
PJXVL8	Pos PTMB	Pos PTMB
PLCCD7	Pos KM, HemaTrace	Pos KM, HemaTrace
PLUTLY	Pos KM	Pos KM
PMREPK	Pos KM	Pos KM
PN47G2	Pos KM	Pos KM
PN8CTB	Pos LMG	Pos LMG
PNNH8E	Pos TMB	Pos TMB
PPRWCE	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PRKKWV	Pos KM	Pos KM
PTZFKU	Pos KM	Pos KM
PURJAU	Pos KM	Pos KM
PWY9JD	Pos Hexagon Obti	Pos Hexagon Obti
PXRRD6	Pos KM, HemDirect	Pos KM, HemDirect
PYFMY8	Pos KM	Pos KM
PZCGXG	Pos TMB	Pos TMB
PZFG8D	Pos KM	Pos KM
Q3EFC3	Pos LMG, FOB	Pos LMG, FOB
Q3G29H	Pos O-tol	Pos O-tol
Q8RA96	Pos KM/HemaTrace	Pos KM/HemaTrace
QAF6BZ	Pos KM	Pos KM
QBUXB4	Pos KM, HemaTrace	Pos KM, HemaTrace
QDGRTP	Pos TMB	Pos TMB
QE8VHQ	Pos KM	Pos KM
QEDFLE	Pos TMB	Pos TMB
QFT8MQ	Pos TMB	Pos TMB
QNELY8	Pos LMG, HemDirect	Pos LMG, HemDirect
QRM7A8	Pos TMB, HemaTrace	Pos TMB, HemaTrace
QUJHKT	Pos LMG	Pos LMG
QYE3XP	Pos KM	Pos KM
QYGQE4	Pos KM	Pos KM
QYW4RE	Pos KM, TMB	Pos KM, TMB
R263PY	Pos KM	Pos KM
R2U4WM	Pos KM, OBTI	Pos KM, OBTI
R8KEEE	Pos KM	Pos KM
R8Q34Q	Pos KM	Pos KM
R9ZJ6Q	Pos IR, PHT	Pos IR, PHT
RC2R8F	Pos O-tol	Pos O-tol
RCGJAP	Pos TMB	Pos TMB
RCNGT2	Pos KM, HemaTrace	Pos KM, HemaTrace
REMEZ3	Pos KM, HemaTrace	Pos KM, HemaTrace
RFFV6P	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
RFKAHQ	Pos KM, HEM	Pos KM, HEM
RGDF9C	Pos FOB	Pos FOB
RJ3XYB	Pos KM, TMB	Pos KM, TMB
RJHGJ9	Pos KM	Pos KM
RKUUN6	Pos KM	Pos KM
RQ42CN	Pos KM	Pos KM
RRFETB	Pos LMG	Pos LMG
RZ29H9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
T2FFH2	Pos KM, HemaTrace	Pos KM, HemaTrace
T2FWJY	Pos KM	Pos KM
T38T9T	Pos Hemastix	Pos Hemastix
TAATTG	Pos KM	Pos KM
TAR7UY	Pos KM	Pos KM
TAUDDZ	Pos KM, HemaTrace	Pos KM, HemaTrace
TCFY7M	Pos KM	Pos KM
TCZMGP	Pos IR, TMB	Pos IR, TMB
TE2AVA	Pos LMG, HemaTrace	Pos LMG, HemaTrace
TGA3QE	Pos TMB	Pos TMB
TLLTEU	Pos (IR) Light, Luminol, KM	Pos (IR) Light, Luminol, KM
TN86ZZ	Pos KM	Pos KM
TNN8LE	Pos KM, HemaTrace	Pos KM, HemaTrace
TPPFED	Pos KM	Pos KM
TQVQKA	Pos KM, TMB	Pos KM, TMB
TR8FVZ	Pos KM	Pos KM
TRML94	Pos LMG, RSID Blood	Pos LMG, RSID Blood
TRTGRV	Pos LMG, HemaTrace	Pos LMG, HemaTrace
TT8UHD	Pos KM	Pos KM
TTKDFP	Pos IR, TMB	Pos IR, TMB
TVLZU9	Pos HemaTrace; LMG	Pos HemaTrace; LMG
TVW27G	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
TW2DKQ	Pos KM, LMG, RSID-Blood	Pos KM, LMG, RSID-Blood
TWMNJV	Pos KM, HemaTrace	Pos KM, HemaTrace
TYFZHQ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
TYQETZ	Pos KM	Pos KM
TZKVV2	Pos KM	Pos KM
U3AJQ3	Pos KM	Pos KM
U3MPYJ	Pos KM	Pos KM
U83EY2	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
U8HXJY	Pos KM, HemaTrace	Pos KM, HemaTrace
UBMC4J	Pos KM	Pos KM
UD9L6Q	Pos TMB, PHT	Pos TMB, PHT
UG6FVZ	Pos KM, HemaTrace	Pos KM, HemaTrace
UGJQQY	Pos KM	Pos KM
UH3M4K	Pos LMG	Pos LMG
UJBMET	Pos BLUESTAR-OBTI	Pos BLUESTAR-OBTI
UJUJTE	Pos KM	Pos KM
UL3YZK	Pos LMG	Pos LMG
ULH6DN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UMUVPE	Pos KM	Pos KM
UNP79Z	Pos TMB	Pos TMB
UP2Q83	Pos TMB	Pos TMB
UQEAE7E	Pos TMB	Pos TMB
UQU28Q	Pos TMB	Pos TMB
UQWTZ8	Pos KM	Pos KM
UR3BX3	Pos KM	Pos KM
URNRD6	Pos LMG	Pos LMG
UUEQR4	Pos KM	Pos KM
UXXHDE	Pos KM	Pos KM
UWFW6N	Pos KM	Pos KM
UWZ8U2	Pos TMB, Takayama	Pos TMB, Takayama
V3N63P	Pos KM	Pos KM
V4TGGY	Pos HemaTrace, KM	Pos HemaTrace, KM
V72JDV	Pos KM	Pos KM
V9TF2P	Pos O-tol	Pos O-tol
VD7NFU	Pos KM	Pos KM
VDL8ZQ	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VDP3XY	Pos KM	Pos KM
VEK4X2	Pos PTMB	Pos PTMB
VGLQCK	Pos KM Test	Pos KM Test
VGQNL2	Pos KM	Pos KM
VK3L83	Pos KM, HemDirect	Pos KM, HemDirect
VKLHJ3	Pos O-tol	Pos O-tol
VLV8L9	Pos KM, Hem	Pos KM, Hem
VMQR99	Pos BLUESTAR OBTI	Pos BLUESTAR OBTI
VQBEA9	Pos KM	Pos KM
W4TMMK	Pos KM, IR	Pos KM, IR
W6MZYW	Pos KM	Pos KM
W97ZCR	Pos KM	Pos KM
WAC4NA	Pos KM, HemaTrace	Pos KM, HemaTrace
WEAYP3	Pos KM, HemaTrace	Pos KM, HemaTrace
WJKNZH	Pos KM	Pos KM
WJMLLT	Pos LMG; HemaTrace	Pos LMG; HemaTrace
WLATWW	Pos KM	Pos KM
WPQ8CP	Pos LMG, HemaTrace	Pos KM, HemaTrace
WRJEW8	Pos TMB	Pos TMB
WTBA4V	Pos KM	Pos KM
WUQWU4	Pos KM	Pos KM
WVKMZB	Pos IR, TMB	Pos IR, TMB
WYG862	Pos KM, HemDirect	Pos KM, HemDirect
X23DXW	Pos KM, HemaTrace	Pos KM, HemaTrace
X2XMK7	Pos KM, HemaTrace	Pos KM, HemaTrace
X3DM4V	Pos KM	Pos KM
X46DXU	Pos PTMB, HemDirect	Pos PTMB, HemDirect
X6JADU	Pos KM	Pos KM
X78YBX	Pos KM, HemaTrace	Pos KM, HemaTrace
X7B9QR	Pos KM, HemaTrace	Pos KM, HemaTrace
X7ZW42	Pos KM, HemDirect	Pos KM, HemDirect
X8NXU6	Pos KM	Pos KM
XE77H2	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XELJXX	Pos Peroxydase, Hemoglobin	Pos Peroxydase, Hemoglobin
XENR2W	Pos KM, HemaTrace	Pos KM, HemaTrace
XER8EW	Pos KM, Hemdirect	Pos KM, Hemdirect
XHM4WW	Pos KM, HemaTrace	Pos KM, HemaTrace
XKW9BK	Pos IR, TMB	Pos IR, TMB
XMGLZA	Pos KM, TMB	Pos KM, TMB
XNR39L	Pos LMG	Pos LMG
XRULWZ	Pos KM, HemaTrace	Pos KM, HemaTrace
XULT4X	Pos PTMB	Pos PTMB
XWJYXN	Pos KM	Pos KM
XWRB2T	Pos KM	Pos KM
XYXEFW	Pos KM	Pos KM
XZJBUN	Pos KM	Pos KM
Y4ZUEJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
Y6FDUN	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
Y6YVMV	Pos KM, HemaTrace	Pos KM, HemaTrace
Y6ZNMP	Pos PHT	Pos PHT
Y9DFK6	Pos KM, TMB	Pos KM, TMB
YAAMQ9	Pos KM	Pos KM, HemaTrace
YCMYTJ	Pos KM	Pos KM
YCWK6K	Pos O-tolidine	Pos O-tolidine
YDTNLU	Pos KM, HemaTrace	Pos KM, HemaTrace
YFZWZ7	Pos KM	Pos KM
YME3XR	Pos KM	Pos KM
YMGKMF	Pos KM, HemaTrace	Pos KM, HemaTrace
YNQWHY	Pos KM	Pos KM
YPM3RH	Pos KM, HemaTrace	Pos KM, HemaTrace
YPPNMY	Pos KM, Hemedirect	Pos KM, Hemedirect
YQJAHB	Pos TMB	Pos TMB
YQXMX8	Pos LMG	Pos LMG
YUGAJM	Pos TMB	Pos TMB
YVE3AK	Pos KM	Pos KM
YW7BAM	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YZLBFA	Pos KM	Pos KM
Z2UA39	Pos KM, IR	Pos KM, IR
Z4MUE9	Pos KM	Pos KM
Z7PATK	Pos TMB	Pos TMB
Z9VYT9	Pos O-tol	Pos O-tol
ZA76KW	Pos KM	Pos KM
ZBKPC8	Pos O-tol, HemDirect, Red-brown	Pos O-tol, HemDirect, Red-brown
ZH426E	Pos IR, TMB	Pos IR, TMB
ZJE229	Pos TMB	Pos TMB
ZL2RKK	Pos O-tol	Pos O-tol
ZMW2LU	Pos KM	Pos KM
ZTLJXK	Pos TMB	Pos TMB
ZV73RB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZYKMQJ	Pos LMG	Pos LMG

Table 1a: Serology Screening Response Summary - BloodParticipants: **606**

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	605	606
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
23JBTG	Neg RSID	Neg RSID
24G3ZX	Neg AP, Micro, PSA	Neg AP, Micro, PSA
2CNHAX	Neg RSID Semen	Neg RSID Semen
2GZFRR	Neg AP	Neg AP
2HVE8W	Neg AP	Neg AP
2LFNFR	Neg ALS, AP	Neg ALS, AP
2TZHEF	Neg BCIP	Neg BCIP
2U6LRH	Neg AP	Neg AP
2WE3EA	Neg ALS, AP	Neg ALS, AP
2WHM6X	Neg AP	Neg AP; Micro; RSID
324H33	Neg AP	Neg AP
392QME	Neg ALS, AP	Neg ALS, AP
3FL4XU	Neg AP	Neg AP
3H9PH4	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
3HCT9E	Neg AP, ALS	Neg AP, ALS
3JK6QG	Neg ALS, AP	Neg ALS, AP
3LVZHZ	Neg AP and Micro	Neg AP and Micro
3Y3XEM	Neg AP	Neg AP
3YHLPA	Neg RSID Semen	Neg RSID Semen
3ZRR6J	Neg ALS, AP	Neg ALS, AP
43UKM2	Neg ALS, AP	Neg ALS, AP
44ABPE	Neg ALS, AP, Micro	Neg ALS, AP, Micro
47UZ9Q	Neg ALS, AP, PSA	Neg ALS, AP, PSA
48ULVB	Neg PSA	Neg PSA
4B97W6	Neg ALS, AP	Neg ALS, AP
4JJKME	Neg ALS, AP	Neg ALS, AP
4PNWLE	Neg ALS, AP	Neg ALS, AP
4Q4GRN	Neg AP, PSA, Micro	Neg AP, PSA, Micro
4T6VPD	Neg ALS, AP	Neg ALS, AP
4TPD82	Neg ALS, AP	Neg ALS, AP
6CXLCE	Neg ALS, AP	Neg ALS, AP
6HLZBT	Neg AP, PSA	Neg AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6K9NXE	Neg ALS, AP	Neg ALS, AP
6PQFZM	Neg AP	Neg AP
6PY9CV	Neg AP	Neg AP
6WL2NU	Neg ALS, AP, PSA	Neg ALS, AP, PSA
6XJJAB	Neg PSA	Neg PSA
72XNBD	Neg ALS, AP	Neg ALS, AP
77379Y	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
78FNHW	Neg AP	Neg AP
7AQW4	Neg ALS, AP	Neg ALS, AP
7MEXEV	Neg ALS, AP	Neg ALS, AP
82PK2D	Neg ALS, RSID	Neg ALS, RSID
863KX6	Neg AP (Phosphatesmo KM), PSA (Bluestar Identi-PSA)	Neg AP (Phosphatesmo KM), PSA (Bluestar Identi-PSA)
8K76YM	Neg AP	Neg AP
8QTPTA	Neg ALS, AP	Neg ALS, AP
8QUTR8	Neg ALS, AP	Neg ALS, AP
8WJHZN	Neg AP, PSA	Neg AP, PSA
8WXUUM	Neg AP	Neg AP
8X97LK	Neg AP	NT
8Y7J67	Neg RSID	Neg RSID
8YZBZ	Neg ALS, AP, PSA	Neg ALS, AP, PSA
8ZECXP	Neg AP	Neg AP
8ZJGPV	Neg ALS, AP	Neg ALS, AP
928CPA	Neg ALS, AP	Neg ALS, AP
92NTHG	Neg AP	Neg AP
92NZZW	Neg AP	Neg AP
94W96A	Neg ALS, AP	Neg ALS, AP
96NYY9	Neg ALS, AP	Neg ALS, AP
98WJZA	Neg ALS, AP	Neg ALS, AP
9EA39T	Neg ALS, AP	Neg ALS, AP
9KF772	Neg Micro, PSA	Neg Micro, PSA
9PCT2B	Neg ALS, AP	Neg ALS, AP
9Q4G9P	Neg AP	Neg AP; Micro; RSID
9RGDWX	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
9TDU28	Neg ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
9TDYEV	Neg AP	Neg AP
9URLCV	Neg AP, Micro	Neg AP, Micro
9WWW9D	Neg ALS, AP	Neg ALS, AP
A3FCCB	Neg ALS, AP	Neg ALS, AP
A62TE9	Neg ALS, AP	Neg ALS, AP
A6ZERU	Neg AP	Neg AP
A7JTKJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ABCR2Z	Neg RSID Semen	Neg RSID Semen
ABPZQ9	Neg ALS, AP	Neg ALS, AP
AMFNTV	Neg AP	Neg AP
APNUGH	Neg PSA	Neg PSA
AQ4RNT	Neg AP, Micro, PSA	Neg AP, Micro, PSA
AUPCVH	Neg AP, PSA, Micro	Neg AP, PSA, Micro
B379MN	Neg AP, PSA	Neg AP, PSA
B89FFJ	Neg ALS, AP, PSA	Neg ALS, AP, PSA
BGE928	Neg AP	Neg AP, Micro, RSID
BJFDC8	Neg ALS, AP	Neg ALS, AP
BLHXZL	Neg RSID Semen	Neg RSID Semen
BW9QYH	Neg AP, PSA, Micro	Neg AP, PSA, Micro
C2UCUA	Neg ALS, AP, Micro	Neg ALS, AP, Micro
C6TZKC	Neg AP	Neg AP
C7TGWU	Neg AP	Neg AP
C82F84	Neg ALS, AP	Neg ALS, AP
CBFYPR	Neg AP	Neg AP
CCBWFR	Neg ALS, AP	Neg ALS, AP
CDLVDL	Neg ALS, AP	Neg ALS, AP
CJYJBW	Neg ALS, AP	Neg ALS, AP
CKQ2BR	Neg AP	Neg AP
CN9ALD	Neg AP	Neg AP
CNMVWZ	Neg AP	Neg AP
CP3HN8	Neg ALS, AP, Micro	Neg ALS, AP, Micro
CPL773	Neg ALS, AP	Neg ALS, AP
CQEUBY	Neg AP	Neg AP
CTHPU2	NT	Neg ALS, AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
CUALJV	Neg AP, Micro, PSA	Neg AP, Micro, PSA
CUN2F2	Neg PSA	Neg PSA
CUTX99	Neg ALS, AP	Neg ALS, AP
CV7FFK	Neg ALS, AP	Neg ALS, AP
DALXNE	Neg AP, PSA	Neg AP, PSA
DJAWEK	Neg AP	Neg AP
DK3THK	Neg AP	Neg AP
DKMEBB	Neg ALS, AP, Micro	Neg ALS, AP, Micro
DLVWJ2	Neg AP	Neg AP
DQ88AB	Neg AP	Neg AP
DVN8VH	Neg ALS, AP	Neg ALS, AP
DWDQLH	Neg RSID-Semen	Neg RSID-Semen
DWGQMN	Neg ALS, AP	Neg ALS, AP
DYNYZE	Neg AP, PSA, Micro	Neg AP, PSA, Micro
E4YAQN	Neg AP, PSA, Micro	Neg AP, PSA, Micro
E4Z82J	Neg AP	Neg AP
E7XGLE	Neg PSA, Micro	Neg PSA, Micro
EAL89J	Neg AP	Neg AP
EFMLUK	Neg AP	Neg AP
EGGCZZ	Neg ALS, AP	Neg ALS, AP
EGRUJQ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
EMQFYE	Neg AP, PSA, Micro	Neg AP, PSA, Micro
EMRUB9	Neg ALS, AP	Neg ALS, AP
EXNXE3	Neg ALS, AP	Neg ALS, AP
F24P2P	Neg AP	Neg AP
F8CJ9K	Neg AP	Neg AP
F97AEY	Neg ALS, AP	Neg ALS, AP
FBR2CM	Neg AP, Micro	Neg AP, Micro
FCL247	Neg AP	Neg AP
FDCLVQ	Neg AP	Neg AP
FDKX2G	Neg ALS, AP	Neg ALS, AP
FNDVT2	Neg ALS, AP	Neg ALS, AP
FUNE2N	Neg AP, ALS	Neg AP, ALS
FVZ6CD	Neg AP, PSA	Neg AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
FW9LZB	Neg AP	Neg AP
FWU3GD	Neg AP	Neg AP
G22HC3	Neg AP, ALS	Neg AP, ALS
G3G3HC	Neg AP, PSA, Micro	Neg AP, PSA, Micro
G3RK23	Neg AP, Micro, PSA	Neg AP, Micro, PSA
G62YXP	Neg ALS, AP	Neg ALS, AP
G6HM9C	Neg AP	Neg AP
G9K79B	Neg AP	Neg AP
GARG3T	Neg ALS AP	Neg ALS AP
GH4946	Neg RSID Semen	Neg RSID Semen
GH88LY	Neg AP	NT
GLLRMT	Neg ALS, AP	Neg ALS, AP
GUVGZR	Neg ALS, AP	Neg ALS, AP
GV6VE8	Neg AP	Neg AP
H3R3HX	Neg ALS, AP	Neg ALS, AP
H8LH3K	Neg AP, Micro	Neg AP, Micro
H9DERE	Neg AP, PSA	NT
HAB7PZ	Neg ALS, AP	Neg ALS, AP
HAQXM6	Neg ALS, AP, Micro	Neg ALS, AP, Micro
HFH3MZ	Neg AP	Neg AP, Micro, RSID
HFU2D3	Neg ALS, AP	Neg ALS, AP
HNMX2K	Neg AP	Neg AP
HTJRKL	Neg AP, PSA, Micro	Neg AP, PSA, Micro
H WLAN3	Neg ALS, AP	Neg ALS, AP
HXB72F	Neg AP	Neg AP
HXEM2Z	Neg AP	Neg AP, Micro, RSID
HXG9XF	Neg AP	Neg AP
J2PMVY	Neg AP, PSA, Micro	Neg AP, PSA, Micro
JD8K2A	Neg AP	Neg AP
JDFF3M	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
JFV8FH	Neg AP, Micro, PSA	Neg AP, Micro, PSA
JQQU9D	Neg PSA	Neg PSA
JV3F87	Neg AP	Neg AP
JV4KXV	Neg AP, Micro, PSA	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
JYKCZ3	Neg ALS, AP	Neg ALS, AP
K6NBXT	Neg RSID	Neg RSID
K8W228	Neg AP, p30	Neg AP
K93VW2	Neg RSIDSemen	Neg RSIDSemen
KBEK8Q	Neg AP, ALS, Micro, PSA	Neg AP, ALS, Micro, PSA
KDFGGX	Neg ALS, AP	Neg ALS, AP
KDGJHJ	Neg AP, Micro, p30	Neg AP, Micro, p30
KFNE28	Neg AP, PSA, Micro	Neg AP, PSA, Micro
KJNQW8	Neg AP, Micro, PSA	Neg AP, Micro, PSA
KQT8TM	Neg AP	Neg AP
KVF49X	Neg ALS, AP	Neg ALS, AP
KWCC4G	Neg ALS	Neg ALS
KZBPQ8	Neg PSA	Neg PSA
KZBVGU	Neg ALS, AP	Neg ALS, AP
L29GW7	Neg AP, PSA, Micro	Neg AP, PSA, Micro
L8C2M4	Neg AP & Microscopy	Neg AP & Microscopy
LC3G86	Neg AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
LCG3JR	Neg RSID	Neg RSID
LCY8QB	Neg AP	NT
LCYX2T	Neg AP	Neg AP
LDYB4U	Neg PSA	Neg PSA
LKZ46V	Neg ALS, AP	Neg ALS, AP
LL8NM4	Neg AP	NT
LMVA8E	Neg AP Spot, Micro	Neg AP Spot, Micro
LUL9CV	Neg ALS, AP	Neg ALS, AP
LWACR2	Neg ALS, AP, Micro	Neg ALS, AP, Micro
M6DF6W	Neg AP, Micro, PSA	Neg AP, Micro, PSA
M6XYCP	Neg RSID Semen	Neg RSID Semen
MHJK7H	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
MP74T7	Neg AP	Neg AP
MQD6NH	Neg AP, ALS	Neg AP, ALS
MRDC7X	Neg ALS, AP	Neg ALS, AP
MYDM4U	Neg AP	Neg AP, Micro, RSID
N7LWUF	Neg AP (Brent)	NT

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
NAPLK4	Neg ALS, AP, PSA	Neg ALS, AP, PSA
NH4XQU	Neg AP	Neg AP, Micro, RSID
NH7FW6	Neg AP, PSA, Micro	Neg AP, PSA, Micro
NHYHDT	Neg ALS, AP	Neg ALS, AP
NJUK4C	Neg AP	Neg AP
NQG2JE	Neg AP, Micro	Neg AP, Micro
NWJJUE	Neg AP	Neg AP
NY76RW	Neg ALS, AP	Neg ALS, AP
NZLYJB	Neg AP	Neg AP, Micro, RSID
P3H3N3	Neg AP	Neg AP
P4UBLP	Neg AP	Neg AP
P77JYW	Neg ALS, AP	Neg ALS, AP
P9UKVQ	Neg ALS, AP	Neg ALS, AP
PA7PH9	Neg AP	Neg AP
PAKNMC	Neg AP	Neg AP
PBUQBW	Neg ALS, AP	Neg ALS, AP
PCTVRQ	Neg ALS, AP	Neg ALS, AP
PD7BFZ	Neg AP	Neg AP
PGKUD9	Neg ALS, AP, PSA	Neg ALS, AP, PSA
PLCCD7	Neg PSA	Neg PSA
PLUTLY	Neg ALS, AP, Micro	Neg ALS, AP, Micro
PNNH8E	Neg ALS, AP	Neg ALS, AP
PPRWCE	Neg AP	Neg AP
PWY9JD	Neg PSA	Neg PSA
PXRRD6	Neg AP	Neg AP
PZCGXG	Neg ALS, AP	Neg ALS, AP
PZFG8D	Neg AP	Neg AP
Q3EFC3	Neg RSID Semen, AP	Neg RSID Semen, AP
QDGRTP	Neg ALS, AP	Neg ALS, AP
QEDFLE	Neg ALS, AP	Neg ALS, AP
QFT8MQ	Neg AP, ALS	Neg AP, ALS
QNELY8	Neg AP, PSA	Neg AP, PSA
QRM7A8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QYW4RE	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
R2U4WM	Neg RSID	Neg RSID
R8KEEE	Neg AP - No Slides	Neg AP - No Slides
R8Q34Q	Neg AP	NT
R9ZJ6Q	Neg ALS, AP	Neg ALS, AP
RC2R8F	Neg AP	Neg AP
RCGJAP	Neg ALS, AP	Neg ALS, AP
RCNGT2	Neg AP, PSA, Micro	Neg AP, PSA, Micro
RFFV6P	Neg ALS, AP	Neg ALS, AP
RFKAHQ	Neg AP	Neg AP, Micro, RSID
RGDF9C	Neg RSID	Neg RSID
RJ3XYB	Neg AP	Neg AP
RJHGJ9	Neg AP	Neg AP
RZ29H9	Neg ALS, AP, PSA	Neg ALS, AP, PSA
TAUDDZ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
TCZMGP	Neg ALS, AP	Neg ALS, AP
TE2AVA	Neg ALS, AP, PSA	Neg ALS, AP, PSA
TGA3QE	Neg ALS, AP	Neg ALS, AP
TLLTEU	Neg ALS, AP, Micro	Neg ALS, AP, Micro
TN86ZZ	Neg PSA	Neg PSA
TNN8LE	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
TQVQKA	Neg AP	Neg AP
TRML94	Neg RSID Semen	Neg RSID Semen
TTKDFP	Neg ALS, AP	Neg ALS, AP
TVLZU9	Neg AP; PSA	Neg AP; PSA
TWMNJY	Neg AP	Neg AP
TZKVV2	Neg AP	Neg AP
U3AJQ3	Neg AP	Neg AP
U83EY2	Neg ALS, AP	Neg ALS, AP
U8HXJY	Neg AP, PSA, Micro	Neg AP, PSA, Micro
UD4H3Z	Neg PSA	Neg PSA
UD9L6Q	Neg ALS, AP	Neg ALS, AP
UGJQQY	Neg AP	Neg AP
UH3M4K	Neg AP	Neg AP
UJBMET	Neg SERATEC-PSA Semiquant, RSID Semen	Neg SERATEC-PSA Semiquant, RSID Semen

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
UL3YZK	Neg AP	Neg AP
UP2Q83	Neg ALS, AP	Neg ALS, AP
UQEAE7E	Neg ALS, AP	Neg ALS, AP
UQU28Q	Neg ALS, AP	Neg ALS, AP
URNRD6	Neg RSID Semen	Neg RSID Semen
V4TGGY	Neg PSA, Micro	Neg PSA, Micro
VDL8ZQ	Neg AP	Neg AP
VEK4X2	Neg AP	Neg AP
VGQNL2	Neg AP	Neg AP
VK3L83	Neg AP	Neg AP
VKLHJ3	Neg AP	Neg AP
W4TMMK	Neg ALS, AP	Neg ALS, AP
W6MZYW	Neg AP	Neg AP
W97ZCR	Neg ALS, AP, Micro	Neg ALS, AP, Micro
WAC4NA	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
WEAYP3	Neg AP	Neg AP, Micro, RSID
WPQ8CP	Neg AP (TPMP)	Neg AP (TPMP)
WVKMZH	Neg ALS, AP	Neg ALS, AP
X7B9QR	Neg AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
X7ZW42	Neg AP	Neg AP, Micro, RSID
XE77H2	Neg AP, PSA	Neg AP, PSA
XELIJX	Neg AP, PSA	Neg AP, PSA
XKW9BK	Neg ALS, AP	Neg ALS, AP
XMGLZA	Neg AP	Neg AP
XNR39L	Neg ALS, AP	Neg ALS, AP
XULT4X	Neg AP	Neg AP
Y4ZUEJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
Y6ZNMP	Neg ALS, AP	Neg ALS, AP
Y9DFK6	Neg AP	Neg AP
YCWK6K	Neg Acid phosphatase	Neg Acid phosphatase
YDTNLU	Neg AP	Neg AP
YPM3RH	Neg AP, Micro, RSID Sg	Neg AP, Micro, RSID Sg
YPPNMV	Neg AP	Neg AP
YQXMX8	Neg ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
YUGAJM	Neg ALS, AP	Neg ALS, AP
YW7BAM	Neg AP	Neg AP
Z2UA39	Neg AP, ALS	Neg AP, ALS
Z7PATK	Neg ALS, AP	Neg ALS, AP
ZA76KW	Neg AP	Neg AP
ZBKPC8	Neg AP, p30	Neg AP, p30
ZH426E	Neg ALS, AP	Neg ALS, AP
ZJE229	Neg ALS, AP	Neg ALS, AP
ZMW2LU	Neg AP	Neg AP
ZTLJXK	Neg ALS, AP	Neg ALS, AP
ZV73RB	Neg AP, PSA	Neg AP, PSA

Table 1b: Serology Screening Response Summary - Semen

Participants: 315

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	314	308
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
24G3ZX	Neg Amylase Diffusion	Neg Amylase Diffusion
2CNHAX	Neg RSID Saliva	Neg RSID Saliva
2GZFRR	Neg Phadebas Tablets	Neg Phadebas Tablets
2TZHEF	Neg RSID	Neg RSID
3H9PH4	Neg ALS, Phadebas	Neg ALS, Phadebas
3LVZHZ	Neg RSID	Neg RSID
3Y3XEM	Neg Phadebas	Neg Phadebas
4Q4GRN	Neg Phadebas	Neg Phadebas
77379Y	Neg ALS, Phadebas	Neg ALS, Phadebas
82PK2D	Neg ALS, RSID	Neg ALS, RSID
8WJHZN	NT	Neg Phadebas tablet
92NTHG	Neg Phadebas	Neg Phadebas
9KF772	Neg α-AMILASA	Neg α-AMILASA
9RGDWX	Neg ALS, Phadebas	Neg ALS, Phadebas
9URLCV	Neg RSID	Neg RSID
A7JTKJ	Neg Phadebas	Neg Phadebas
ABCR2Z	Neg RSID Saliva	Neg RSID Saliva
APNUGH	Neg RSID	Neg RSID
AQ4RNT	Neg SERATEC Amylase Cassette	Neg SERATEC Amylase Cassette
AUPCVH	Neg Phadebas	Neg Phadebas
B89FFJ	Neg Phadebas Tablet	Neg Phadebas Tablet
BLHXZL	Neg RSID Saliva	Neg RSID Saliva
BW9QYH	Neg Phadebas	Neg Phadebas
C2UCUA	Neg Amylase Diffusion	Neg Amylase Diffusion
CN9ALD	Neg RSID	Neg RSID
CP3HN8	Neg ALS, Phadebas	Neg ALS, Phadebas
CUALJV	Neg Amylase	Neg Amylase
DALXNE	Neg Phadebas Tablets	Neg Phadebas Tablets
DKMEBB	Neg ALS, Phadebas	Neg ALS, Phadebas
DLVWJ2	Neg RSID-Saliva	Neg RSID-Saliva
DQ88AB	Neg Phadebas	Neg Phadebas
DWDQLH	Neg RSID-Saliva	Neg RSID-Saliva

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
DYNYZE	Neg Phadebas	Neg Phadebas
E7XGLE	Neg RSID	Neg RSID
EGRUJQ	Neg ALS, Phadebas	Neg ALS, Phadebas
EMQFYE	Neg Phadebas	Neg Phadebas
FBR2CM	Neg RSID	Neg RSID
FCL247	Neg RSID Saliva	Neg RSID Saliva
FDCLVQ	Neg Phadebas	Neg Phadebas
FDKX2G	Neg Phadebas tablet	NT
G3G3HC	Neg Phadebas	Neg Phadebas
G3RK23	Neg RSID	Neg RSID
H8LH3K	Neg RSID	Neg RSID
HAQXM6	Neg Amylase Diffusion	Neg Amylase Diffusion
HTJRKL	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
HXEZUG	Neg SALIgAE	Neg SALIgAE
JDFF3M	Neg ALS, Phadebas	Neg ALS, Phadebas
JFV8FH	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
JV4KXV	Neg Phadebas	Neg Phadebas
K8W228	NT	Neg Phadebas Tablet
K93VW2	Neg RSID-Saliva	Neg RSID-Saliva
KBEK8Q	Neg SALIgAE	Neg SALIgAE
KDGJHJ	Neg Phadebas	Neg Phadebas
KFNE28	Neg Phadebas	Neg Phadebas
KJNQW8	Neg Phadebas	Neg Phadebas
KWCC4G	Neg ALS	Neg ALS
L29GW7	Neg Phadebas	Neg Phadebas
L8C2M4	Neg RSID Saliva	Neg RSID Saliva
LC3G86	Neg Phadebas, ALS	Neg Phadebas, ALS
LCYX2T	Neg alpha-Amylase / Phadebas	Neg alpha-Amylase / Phadebas
LMVA8E	Neg Seratec Amylase	Neg Seratec Amylase
LWACR2	Neg Amylase Diffusion	Neg Amylase Diffusion
M6DF6W	Neg RSID	Neg RSID
MHJK7H	Neg ALS, Phadebas	Neg ALS, Phadebas
MP74T7	Neg SALIgAE	Neg SALIgAE
NH7FW6	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results			
	Item 3		Item 4	
NQG2JE	Neg	RSID	Neg	RSID
P4UBLP	Neg	RSID	Neg	RSID
PD7BFZ	Neg	RSID	Neg	Phadebas
PLUTLY	Neg	ALS, Phadebas	Neg	ALS, Phadebas
PWY9JD	Neg	RSID Saliva	Neg	RSID Saliva
PZFG8D	Neg	Phadebas	Neg	Phadebas
Q3EFC3	Neg	SALIgAE	Neg	SALIgAE
QRM7A8	Neg	Amylase Diffusion	Neg	Amylase Diffusion
R2U4WM	Neg	RSID	Neg	RSID
R8KEEE	Neg	Phadebas screen	Neg	Phadebas Screen
RCNGT2	Neg	Phadebas	Neg	Phadebas
RGDF9C	Neg	RSID	Neg	RSID
TAUDDZ	Neg	Phadebas	Neg	Phadebas
TLLTEU	Neg	Amylase Diffusion	Neg	Amylase Diffusion
TN86ZZ	Neg	RSID	Neg	RSID
TNN8LE	Neg	ALS, Phadebas	Neg	ALS, Phadebas
TRML94	Neg	RSID Saliva	Neg	RSID Saliva
TW2DKQ	Neg	RSID-Saliva	Neg	RSID-Saliva
U83EY2	Neg	Phadebas	Neg	Phadebas
U8HXJY	Neg	Phadebas	Neg	Phadebas
UGJQQY	Neg	Amylase (Phadebas)	Neg	Amylase (Phadebas)
UH3M4K	Neg	RSID	Neg	RSID
UL3YZK	Neg	RSID Saliva	Neg	RSID Saliva
URNRD6	Neg	RSID Saliva	Neg	RSID Saliva
V4TGGY	Neg	RSID	Neg	RSID
VDL8ZQ	Neg	Phadebas	Neg	Phadebas
W97ZCR	Neg	Phadebas	Neg	Phadebas
WAC4NA	Neg	ALS, Phadebas	Neg	ALS, Phadebas
X7B9QR	Neg	Phadebas, ALS	Neg	Phadebus, ALS
XE77H2	Neg	RSID Saliva	Neg	RSID Saliva
XELJXX	Neg	RSID Saliva	Neg	RSID Saliva
YW7BAM	Neg	Phadebas	Neg	Phadebas
ZGAK3C	Neg	Phadebas, ALS	Neg	Phadebas, ALS
ZV73RB	Neg	SALIgAE	Neg	SALIgAE

Table 1c: Serology Screening Response Summary - Saliva

Participants: 100

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	98	99
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
24G3ZX	Pos HemaTrace	Pos HemaTrace
2GZFRR	Pos HemaTrace	Pos HemaTrace
2R3NGQ	Pos PowerQuant	Pos PowerQuant
2RMR6B	Pos HemaTrace	Pos HemaTrace
2U6LRH	Pos ABACard HemaTrace	Pos ABACard HemaTrace
2WHD6X	Pos PCR	Pos PCR
32MEGM	Pos Powerquant	Pos Powerquant
398BLX	Pos RT-PCR	Pos RT-PCR
3AGM2E	Pos Real-time qPCR	Pos Real-time qPCR
3DV8ZM	Pos Quantifiler Trio	Pos Quantifiler Trio
3JLGAL	Pos Quantifiler Trio	Pos Quantifiler Trio
3TDQ4P	Pos Promega PowerQuant	Pos Promega PowerQuant
47UZ9Q	NT	Pos HemDirect
48ULVB	Pos HemDirect	Pos HemDirect
4E79LL	Pos Quantifiler Trio	Pos Quantifiler Trio
4RFYBF	NT	Pos HemaTrace
4U62HN	Pos HemDirect	Pos HemDirect
6H6XPE	Pos RSID HemaTrace	Pos RSID HemaTrace
6HLZBT	Pos PowerQuant	Pos PowerQuant
6PY9CV	Pos HemDirect	Pos HemDirect
6QBYMK	Pos PowerQuant	Pos PowerQuant
6WL2NU	Pos PowerQuant	Pos PowerQuant
6XJJAB	Pos HemDirect	Pos HemDirect
79T8F9	Pos HemaTrace	Pos HemaTrace
7U9PLJ	Pos Quantifiler Trio	Pos Quantifiler Trio
82PK2D	Pos BLUESTAR OBTI	Pos BLUESTAR OBTI
83WZ9J	Pos Quantifiler Trio	Pos Quantifiler Trio
872L7H	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
8C82UK	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
8CULPJ	Pos HemDirect card test	Pos HemDirect card test
8LHGLE	Pos HemaTrace	Pos HemaTrace
8UTXXK	Pos Human (Primate) Blood Test	Pos Human (Primate) Blood Test
8X97LK	Pos HemDirect	Pos HemDirect
8YJZBR	Pos PowerQuant	Pos PowerQuant
99MMPB	Pos HemaTrace	NT
9GE74J	Pos Power Quant	Pos Power Quant
9JNBG8	Pos Real-time qPCR	Pos Real-time qPCR
9KF772	Pos Human HB	Pos Human HB
9Q4G9P	Pos PCR	Pos PCR
A224WV	Pos HemaTrace	Pos HemaTrace
AEBPAL	Pos qPCR, STR	Pos qPCR, STR
APNUGH	Pos PowerQuant	Pos PowerQuant
B379MN	Pos Powerquant	Pos Powerquant
B92VQA	Pos HemaTrace	Pos HemaTrace
BCVYAG	Pos Quant Trio	Pos Quant Trio
BGE928	Pos	Pos
BLHXZL	Pos RSID	Pos RSID
BTFP9F	Pos Quantifiler Trio	Pos Quantifiler Trio
BUGDX7	Pos Real-time qPCR	Pos Real-time qPCR
C2UCUA	Pos HemDirect	NT
C6TZKC	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
CN9ALD	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
CP3HN8	Pos Quantifiler Trio	Pos Quantifiler Trio
CPZ6A8	Pos Real-time qPCR	Pos Real-time qPCR
D4VAR3	Pos Real-time qPCR	Pos Real-time qPCR
DBW9G8	Pos Quant Trio	Pos Quant Trio
DKMEBB	Pos Quantifiler Trio	Pos Quantifiler Trio
DQ88AB	Pos PowerQuant, HemaTrace	Pos PowerQuant, HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
EUK873	Pos Real-time qPCR	Pos Real-time qPCR
FCL247	Pos Quant	Pos Quant
FDCLVQ	Pos BLUESTAR OBTI TEST	Pos BLUESTAR OBTI TEST
FYYKML	Pos RSID Blood	Pos RSID Blood
G6HM9C	Pos HemDirect	NT
G9CQPW	Pos HemaTrace	Pos HemaTrace
GFCAP8	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
GPMCB8	Pos Quant Trio	Pos Quant Trio
GUY97A	Pos HemDirect	Pos HemDirect
GV6VE8	Pos HemaTrace, Powerquant	Pos HemaTrace, Powerquant
GXXQ42	Pos Real-time qPCR	Pos Real-time qPCR
H9AMBC	Pos HemDirect	Pos HemDirect
H9B7NF	Pos RT-PCR	Pos RT-PCR
HAQXM6	Pos HemDirect	Pos HemDirect
HFH3MZ	Pos Y-Screening	Pos Y-Screening
HTYR7H	Pos rtPCR	Pos rtPCR
HXEM2Z	Pos	Pos
HXTPV9	Pos HemDirect	Pos HemDirect
JBUUBY	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
JDFF3M	Pos Quant Trio	Pos Quant Trio
JET67Y	Pos Quant Trio	Pos Quant Trio
JQQU9D	Pos	Pos
JV4KXV	Pos Quantifiler Trio	Pos Quantifiler Trio
JZGKVM	Pos HemaTrace	NT
K8BWH3	Pos Quantifiler Trio	Pos Quantifiler Trio
K93VW2	Pos By DNA Quantification kit	Pos By DNA Quantification kit
KBEK8Q	Pos HemaTrace	Pos HemaTrace
KGHNV4	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
KQ8FWH	Pos Real-time qPCR	Pos Real-time qPCR
KZBPQ8	Pos HemDirect	Pos HemDirect

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
LCYX2T	Pos Investigator Quantiplex Pro Kit	Pos Investigator Quantiplex Pro Kit
LDYB4U	Pos HD	Pos HD
LL8NM4	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
LLQ8UW	Pos Real-time qPCR	Pos Real-time qPCR
LMVA8E	Pos Seratec HemDirect, Seratec PMB	Pos Seratec HemDirect, Seratec PMB
LWACR2	Pos HemDirect	NT
LXKNJX	Pos HemaTrace	Pos HemaTrace
M2V8UB	Pos PowerQuant	Pos PowerQuant
M86EHV	Pos Real-time qPCR	Pos Real-time qPCR
MFEQPZ	Pos Quantifiler Trio	Pos Quantifiler Trio
MUER32	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
MYDM4U	Pos	Pos
N4WVM7	Pos OBTI	Pos OBTI
NAPLK4	Pos HemDirect	Pos HemDirect
NEX74U	Pos Real-time qPCR	Pos Real-time qPCR
NH4XQU	Pos	Pos
NHDQ33	Pos Quant Trio	Pos Quant Trio
NJUK4C	Pos Seratec PMB	Pos Seratec PMB
NZLYJB	Pos Casework Direct	Pos Casework Direct
P8AVJX	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
PD7BFZ	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
PGKUD9	Pos PowerQuant	Pos PowerQuant
PLUTLY	Pos Quant Trio	Pos Quant Trio
PN47G2	Pos HemDirect	Pos HemDirect
PWY9JD	Pos Real-time PCR, Investigator® Quantiplex Pro kit	Pos Real-time PCR, Investigator® Quantiplex Pro kit
PZFG8D	Pos DNA	Pos DNA
QE8VHQ	Pos RT qPCR	Pos RT qPCR
QNELY8	Pos PowerQuant	Pos PowerQuant
QRM7A8	Pos HemaTrace	Pos HemaTrace
QUJHKT	Pos Quant Trio	Pos Quant Trio

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
QYGQE4	Pos rtPCR	Pos rtPCR
R2U4WM	Pos OBTI	Pos OBTI
R7RKJV	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
RFKAHQ	Pos	Pos
RZ29H9	Pos PowerQuant	Pos PowerQuant
TAR7UY	Pos Powerquant	Pos Powerquant
TE2AVA	Pos PowerQuant	Pos PowerQuant
TLLTEU	Pos HemDirect	NT
TN86ZZ	Pos PowerQuant	Pos PowerQuant
TNN8LE	Pos HemaTrace	Pos HemaTrace
TR8FVZ	Pos PowerQuant	Pos PowerQuant
TRML94	Pos RSID	Pos RSID
TVLZU9	Pos PowerQuant	Pos PowerQuant
TVW27G	Pos HemaTrace	Pos HemaTrace
TYQETZ	Pos HemDirect	NT
UJBMET	Pos qRT-PCR Quantifier Trio DNA	Pos qRT-PCR Quantifier Trio DNA
UJUJTE	Pos HemaTrace	Pos HemaTrace
UMUVPE	Pos HemaTrace	Pos HemaTrace
UWFW6N	Pos Real-time qPCR	Pos Real-time qPCR
UZFGJ8	Pos PowerQuant	Pos PowerQuant
V72JDV	Pos Powerquant	Pos Powerquant
VMQR99	Pos PowerQuant	Pos PowerQuant
VTBYNR	Pos Quantifiler Trio	Pos Quantifiler Trio
W97ZCR	Pos Quantifiler Trio	Pos Quantifiler Trio
WAC4NA	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
WEAYP3	Pos Y-screen	Pos Y-screen
WLATWW	Pos HemDirect	Pos HemDirect
WTBA4V	Pos PowerQuant	Pos PowerQuant
X6JADU	Pos PowerQuant	Pos PowerQuant
X7ZW42	Pos Y-Screening	Pos Y-Screening

TABLE 1d

WebCode	Human Origin Screening Results			
	Item 3		Item 4	
XYXEFW	Pos	HemDirect	Pos	HemDirect
Y6FDUN	Pos	Quant	Pos	Quant
YME3XR	Pos	PowerQuant	Pos	PowerQuant
YNQWHY	Pos	rtPCR	Pos	rtPCR
YPM3RH	Pos		Pos	
ZV73RB	Pos	HemaTrace	Pos	HemaTrace

Table 1d: Serology Screening Response Summary - Human Origin

Participants: 154

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	152	147
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
23H73M	Neg TRIO	Pos TRIO
2WHD6X	Neg PCR	Pos PCR
3AGM2E	Neg Real-time qPCR	Pos Real-time qPCR
3DV8ZM	Pos Quantifiler Trio	Pos Quantifiler Trio
3JLGAL	Neg Quantifiler Trio	Pos Quantifiler Trio
4E79LL	Neg Quantifiler Trio	Pos Quantifiler Trio
4JM3MX	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
4YYJUZ	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
6HLZBT	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
6WL2NU	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
7U9PLJ	Neg Quantifiler Trio	Pos Quantifiler Trio
83WZ9J	Neg Quantifiler Trio	Pos Quantifiler Trio
8YJZBR	Neg CaseWork Direct, PowerQuant	Pos CaseWork Direct, PowerQuant
99RKYR	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
9DMEWT	Neg Casework Go/QPP	
9G3MKR	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
9JNBBG8	Neg Real-time qPCR	Pos Real-time qPCR
9NKFCH	Neg Promega Casework Direct	Pos Promega Casework Direct
9Q4G9P	Neg PCR	Pos PCR
B379MN	Neg Casework Direct, Powerquant	Pos Casework Direct, Powerquant
B92VQA	Neg dosage PowerQuant	Pos dosage PowerQuaunt
BCVYAG	Neg Quant Trio	Pos Quant Trio
BGE928	Neg	Pos
BTFP9F	Neg Quantifiler Trio	Pos Quantifiler Trio
BUGDX7	Neg Real-time qPCR	Pos Real-time qPCR
C4FDZC	Neg Quantifiler Trio	Pos Quantifiler Trio
CAN96R	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
CPZ6A8	Neg Real-time qPCR	Pos Real-time qPCR
CTHPU2	Neg Quantiplex Pro	NT
CYABYN	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
D4VAR3	Neg Real-time qPCR	Pos Real-time qPCR
DBW9G8	Neg Quant Trio	Pos Quant Trio
E7XGLE	Neg Y-Screening	Pos Y-Screening
EQQN4P	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
EUK873	Neg Real-time qPCR	Pos Real-time qPCR

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
EVHYDM	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
FCL247	Neg Quant	Pos Quant
G9K79B	Neg Casework Direct	NT
GPMCB8	Neg Quant Trio	Pos Quant Trio
GXXQ42	Neg Real-time qPCR	Pos Real-time qPCR
HFH3MZ	Neg Y-Screening	Pos Y-Screening
HXEM2Z	Neg	Pos
JBUUBY	Neg Quant Trio	Pos Quant Trio
JDFF3M	Neg Quant Trio	Pos Quant Trio
JET67Y	Neg Quant Trio	Pos Quant Trio
JQQU9D	Neg	Pos
JV3F87	Neg Trio	Pos Trio
JV4KXV	Neg Quantifiler Trio	Pos Quantifiler Trio
K8BWH3	Neg Quantifiler Trio	Pos Quantifiler Trio
K93VW2	Neg By DNA Quantification kit	Pos By DNA Quantification kit
KQ8FHW	Neg Real-time qPCR	Pos Real-time qPCR
LCYX2T	Neg Investigator Quantiplex Pro Kit	Pos Investigator Quantiplex Pro Kit
LLQ8UW	Neg Real-time qPCR	Pos Real-time qPCR
LXKNJX	Neg PowerQuant	Pos PowerQuant
M86EHV	Neg Real-time qPCR	Pos Real-time qPCR
M8R44G	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
MBQFZG	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
MFEQPZ	Neg Quantifiler Trio	Pos Quantifiler Trio
MW9P2E	Neg Casework Go! / QPP	Pos Casework Go! / QPP
MYDM4U	Neg	Pos
NEX74U	Neg Real-time qPCR	Pos Real-time qPCR
NH4XQU	Neg Y-screening	Pos Y-screening
NHDQ33	Neg Quant Trio	Pos Quant Trio
NZLYJB	Neg Casework Direct	Pos Casework Direct
P4Y22Z	Neg TRIO	Pos TRIO
PGKUD9	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
PN8CTB	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
PWY9JD	Neg Y quantification, Real-time PCR, Investigator® Quantiplex Pro kit	Pos Y quantification, Real-time PCR, Investigator® Quantiplex Pro kit
PZFG8D	NT	Pos Y23
QE8VHQ	Neg RT qPCR	Pos RT qPCR
QEWCYY	Neg Casework Direct Kit	Pos Casework Direct Kit
QNELY8	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
QUJHKT	Neg Quant Trio	Pos Quant Trio
R2U4WM	Neg	Pos
R8KEEE	NT	Pos
RFKAHQ	Neg	Pos
RRFETB	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
RZ29H9	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
TE2AVA	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
TVLZU9	Neg Casework Direct; PowerQuant	Pos Casework Direct; PowerQuant
TVW27G	Neg Quantifiler Trio	Pos YfilerPlus (Y27) & Quant trio
UGJQQY	Neg Quantiplex Pro	Pos Quantiplex Pro
UJBMET	Neg qRT-PCR Quantifier Trio DNA	Pos qRT-PCR Quantifier Trio DNA
UNP79Z	Neg	Pos
UWFW6N	Neg Real-time qPCR	Pos Real-time qPCR
V4TGGY	Neg Y-Screening	Pos Y-Screening
VD7NFU	Neg TRIO	Pos TRIO
VMQR99	Neg PowerQuant	Pos PowerQuant
VT4PHV	Inc Promega Casework Direct	Pos Promega Casework Direct
VTBYNR	Neg Quantifiler Trio	Pos Quantifiler Trio
WEAYP3	Neg Y-screen	Pos Y-screen
X7ZW42	Neg Y-Screening	Pos Y-Screening
Y6FDUN	Neg Quant	Pos Quant
YPM3RH	Neg	Pos

Table 1e: Serology Screening Response Summary - Y Screening

Participants: 94

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	91
Negative	90	0
Inconclusive	1	0

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results			
	Item 3		Item 4	
FDCLVQ	Semen	Neg ALS	Semen	Neg ALS
JQQU9D	Menstrual Blood	Neg PMB	Menstrual Blood	Neg PMB
LMVA8E	Urine, Feces, Menstrual Blood	Neg Creatinine & DMAC Test, Urobilinogen Test, Seratec PMB, Micro	Urine, Feces, Menstrual Blood	Neg Creatinine & DMAC Test, Urobilinogen Test, Seratec PMB, Micro
NJUK4C	Feces, Menstrual Blood	Neg Urobilinogen, Seratec PMB	Feces, Menstrual Blood	Neg Urobilinogen, Seratec PMB
R8KEEE	CrimeLite	Neg No significant fluorescence	CrimeLite	Neg No significant fluorescence

STR Amplification Kit(s) & Results

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
Item	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 1 - STR Results					
23H73M	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
23JBTC	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
24G3ZX	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
26UH8J	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
2CNHAX	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
2GZFRR	GlobalFiler™ Express					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
2HVE8W	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
2KZNV3	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
2LFNFR	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
2R3NGQ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
2RMR6B	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	NR
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	NR	NR	18,19	8,9	6,6
	15,17	NR	NR	NR	NR	
2TZHEF	Investigator® 24plex GO!					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-				
2U6LRH	Identifiler® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	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 1 - STR Results						
2W2BLT	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
2ZGZP3	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
324H33	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
32MEGM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
33X7MJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
34ERGY	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR				
37FEX4	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
392QME	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
398BLX	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
3AGM2E	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
3B8LFC	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3DV8ZM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
3FL4XU	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
3FM3PG	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
3HCTBZ	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3JK6QG	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3JL GAL	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
3JPK3G	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3LVZH Z	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
3NMW8U	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3NZ6W4	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
3PCMC3	Identifiler® Direct					
		22,24		15,16	11,12	
1	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
3TDQ4P	PowerPlex® Fusion 6C					
		14,15	22,24	11,12	15,16	11,12
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
3TQDEU	GlobalFiler™					
		14,15	22,24	11,12	15,16	11,12
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
3XZMJY	PowerPlex® Fusion 5C					
		14,15	22,24	11,12	15,16	11,12
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
3Y3XEM	GlobalFiler™					
		14,15	22,24	11,12	15,16	11,12
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
3YHLPA	GlobalFiler™					
		14,15	22,24	11,12	15,16	11,12
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
44ABPE	Investigator® 24plex					
		14,15	22,24	11,12	15,16	11,12
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results					
4642VT	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
47UZ9Q	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	--			--	
48ULVB	GlobalFiler™ Express (Rapid HIT), ACE Rapid					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
49LHK6	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
4AV7LC	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4B97W6	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4BPU7R	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
4E79LL	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
4JJKME	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
4JKW94	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4JM3MX	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4PNWLE	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4Q4GRN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4RFYBF	Identifiler® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	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 1 - STR Results					
4RV6NJ	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
4T6VPD	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4U62HN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-				
4UHXL8	GlobalFiler™ (STRMix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4WAUA2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4YGKQA	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
4YYJUZ	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
4ZBFY6	GlobalFiler™ Express					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
4ZC3PQ	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
6AECL2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
6CKF93	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
6CXLCE	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
6D7TMU	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	NA
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
6EQMQU	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
6FCPAN	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
6FJPH6	PowerPlex® 21					
1	14,15	22,24		15,16	11,12	15,16
	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
6H6XPE	Identifiler® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
6K9NXE	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
6PQFZM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
6PY9CV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
6QBYMK	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 1 - STR Results					
6RDWBF	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
6XJJAB	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
6Z6FPN	GlobalFiler™ Express					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
72D3HM	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
734H2P	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
73LRT7	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
76DMGY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
78FNHW	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
7AQWV4	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
7BHUA3	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
7CR29N	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	NR			NR	
7MEXEV	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
7N8LLD	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
7RLNG2	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	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 1 - STR Results					
7U9PLJ	Investigator® 24plex QS Kit					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
7UBAGY	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR		
7UF9T2	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
7WGWQX	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
7WK6UV	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8264JP	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	NA
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
8272UL	GlobalFiler™, Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	Not Tested
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not Tested	Not Tested	18,19	8,9	6,6
	15,17	No Results	Not Tested	Not Tested	No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 1 - STR Results					
82PK2D	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
83WZ9J	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
863KX6	PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
86MA4P	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
872L7H	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
8C82UK	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
8CULPJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
8F6WFT	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
8FQA46	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
8K76YM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
8LHGLE	Identifier® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
8M637N	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8PW2KM	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8Q8KKP	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
8QA3RZ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8QTPTA	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8QUTR8	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
8UTXXK	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
8WJHZN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8WXUUM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
8X97LK	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
8Y7J67	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
8ZECXP	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
928CPA	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
92MCA6	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
92NTHG	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
92NZZW	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
94DWEU	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
94W96A	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
96NYY9	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
97JR78	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
99MMPB	Identifier® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
99RKYR	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
9BDPWJ	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
9DMEWT	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
9EA39T	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
9EDZQY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
9G3MKR	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
9GE74J	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
9JNBG8	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
9KF772	PowerPlex® 21					
1	14,15	22,24		15,16	11,12	15,16
	8,10	15		18,24	11,12	12
	15,19	13,14	29,29.3		X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
9MKLQL	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
9NKFCH	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NID	NID	NID		
9PCT2B	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
9QU7Y2	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
9TDU28	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
9TDYEV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
9URLCV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
9W8TCW	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
9ZLLZM	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
A224WV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
A3FCCB	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
A62TE9	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
A6ZERU	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
A7JTKJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
A9NKCW	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 1 - STR Results						
ABCR2Z	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	/				
ABPZQ9	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ADXXFJ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
AEBPAL	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
AHM6QH	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
AMFNTV	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
AMYPHJ	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
APNUGH	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
AQ4RNT	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	ND	ND	ND		
ATN6BW	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
AUMTN7	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
AUPCVH	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
B4HMGP	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	N/A
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	N/A	8,9	6
	15,17	NR/NE	N/A	N/A	N/A	
B7U2ZX	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
B89FFJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
B92VQA	Identifiler® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
BAUCVW	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BCVYAG	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
BDAKJW	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BE8X3H	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BGGTWM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
BJFDC8	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
BL4JKP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	Not detected			Not detected	
BLHXZL	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16		8,9	6
	15,17	-				
BTFP9F	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
BUGDX7	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16		8,9	6,6
	15,17					
BVRN2H	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
BW9QYH	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	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 1 - STR Results						
BXDKA9	GlobalFiler™	(STRmix)				
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
BYPU8U	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
BZ9F7C	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
C2UCUA	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
C46W3J	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17					
C4FDZC	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
C4XC7M	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16		8,9	6
	15,17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
C6TZKC	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
C7TGWU	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
C82F84	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
CAN96R	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CBFYPR	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
CBZQMH	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
CDLVDL	Investigator® 24plex GO!					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	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 1 - STR Results						
CDRKQE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	-
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	15,17	-	-	-	-	
CEDF67	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
CJYJBW	Investigator® 24plex Q,S					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
CKQ2BR	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
CN9ALD	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
CNMVWZ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
CP3HN8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
CPL773	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
CPZ6A8	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
CQEUBY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CTHPU2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CUALJV	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CUN2F2	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	15,16
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	-				
CV7FFK	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 1 - STR Results						
CY3RUQ	PowerPlex® Fusion 6C (DNAxs)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
CYABYN	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CZJZM7	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
D2PN2H	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
D4VAR3	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
D73EJ7	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	Not tested
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not tested	Not tested	18,19	8,9	6,6
	15,17	No result	Not tested	Not tested	No result	
DALXNE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
DBCPHR	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR		
DBW9G8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No result			No result	
DDNXNC	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NID	NID	NID		
DEB2DR	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	NR
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR	NR	
DHU9FH	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DJAWEK	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
DK3THK	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
DKMEBB	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
DLVWJ2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DN66NF	GlobalFiler™ (TrueAllele)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DPCJUL	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
DQ88AB	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
DQVRFN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DTKV9V	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
DTWC7N	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DVN8VH	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DWDQLH	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	-	-	-		
DYNYZE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DZAHFJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
E47H8G	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
E4YAQN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
E4Z82J	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
E7XGLE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
E7YPQY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
E8V8QE	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
EAL89J	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
EEURTB	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EFMLUK	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
EGGCZZ	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EMQFYE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EMRUB9	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
EQJQJD	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
EQQN4P	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EREQNX	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
EUK873	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 1 - STR Results						
EVHYDM	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EXAC3F	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
EXNXE3	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
F24P2P	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
F3X4EL	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
F8CJ9K	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
F97AEY	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
FBR2CM	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
FCL247	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
FDCLVQ	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FDKX2G	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FNDVT2	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FNX6RP	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FVDFRQ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results

FVZ6CD	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FW9LZB	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
FWU3GD	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
FYYKML	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G2FC4G	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
G3G3HC	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G3RK23	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
G6HM9C	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
G786YC	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
G7U6Z2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G8LRBY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
G9CQPW	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
GAFP8Q	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
GARG3T	PowerPlex® 21					
1	14,15	22,24		15,16	11,12	15,16
	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 1 - STR Results						
GBMM3E	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GCYCHK	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
GE4VQD	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GFCAP8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
GFEULM	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GH4946	PowerPlex® Fusion, ESX 17					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Amplificación				
GH88LY	PowerPlex® Fusion 6C Direct					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
GHL9AF	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
GJXBBZ	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
GLLRMT	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
GM2FXF	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
GPMCB8	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
GRNXBZ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
GRTDCB	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
GTNBUD	PowerPlex® 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GUVGZR	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-				
GUY97A	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
GV6VE8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
GXXQ42	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
GY928D	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
H2A3B3	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results					
H2GJTF	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
H392UB	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
H3R3HX	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
H6DCGJ	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
H7L2Q2	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	nt				
H8LH3K	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
H9AMBC	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 1 - STR Results						
H9B7NF	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
H9DERE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HAQXM6	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HBLGTC	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
HDA6XP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
HDUMFD	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HFU2D3	Investigator® 24plex (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
HJYMB2	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
HNMX2K	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
HPJRZV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
HTJRKL	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
HTYR7H	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
H WLAN3	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HXB72F	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
HXCDD4	Identifiler® Plus					
		22,24		15,16	11,12	
1	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
HXEZUG	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
HXG9XF	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
HXTPV9	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	---			---	
J29GJF	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	INC				
J2PMVY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
J4XDYE	Investigator® 24plex GO! (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
JBUUBY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
JD36N9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JD8K2A	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
JDFF3M	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
JET67Y	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
JFTNA8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
JFV8FH	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
JG64Y2	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
JHF8B6	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JKH4WT	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	ND			ND	
JMKMK8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
JN4QV8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
JQQU9D	PowerPlex® ESI 17 Fast System					
1	14,15	22,24	11,12	15,16		
		15	13,15	18,24		12
	15,19	13,14	29,29.3	10,17	X	
	18,2,29			18,19	8,9	
	15,17					
JV3F87	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
JV4KXV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JW9E8Z	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
JX9ZXQ	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JYKCZ3	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
JZGKVM	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
K6CUZY	PowerPlex® Fusion 6C Direct					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
K6NBXT	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results					
K8BWH3	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
K8EZ9D	PowerPlex® Fusion 6C (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
K8W228	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
K93VW2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KBEK8Q	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KFNE28	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KGHN4	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 1 - STR Results						
KJNQW8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KQ8FWH	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
KQT8TM	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
KVF49X	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
KWBV8P	PowerPlex® 21					
1	14,15	22,24		15,16	11,12	15,16
	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
KWCC4G	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
KYH6BF	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
KZATFB	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
KZBPQ8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	-
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	15,17	-	-	-	-	-
KZBVGU	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
L29GW7	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
L4A4CB	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
L88PY8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
L8C2M4	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results

LC3G86	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
LCG3JR	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
LCY8QB	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
LCYX2T	PowerPlex® ESX-17, ESSplex SE QS, Fusion					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LDYB4U	GlobalFiler™ (Rapid HIT) (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
LFNNMNC	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LHMLVY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
LJNZHC	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	-----
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	-----	-----	-----	-----	
LKCZBZ	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LKZ46V	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LL8NM4	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
LLQ8UW	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
LLUUBB	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
LMVA8E	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
LP9PPM	Verifiler Plus					
1	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
LPL8LD	PowerPlex® Fusion 5C, MiniFiler					
1	14,15	22,24	11,12	15,16	11,12	NA
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
LUL9CV	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LULAV9	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LWACR2	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LX6VX9	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LXKNJX	Identifiler® Plus					
1		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	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 1 - STR Results						
LYTVNC	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
M2V8UB	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	NA
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
M6DF6W	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
M6XYCP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
M6YKRH	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
M86EEHV	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
M8NLX7	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
M8R44G	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
M9XVNH	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
MB23XG	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MBQFZG	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
ME37QP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	ND			ND	
MFEQPZ	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
MGU3FH	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
MHKW27	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
MHPBE8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MK9MER	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
MKT3PT	PowerPlex® Fusion 6C Direct					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MKTG2M	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ML6J37	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MP74T7	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
MRDC7X	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
MUER32	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
MW9P2E	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
N372AG	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
N3QQBN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
N3RUCA	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
N4WVM7	PowerPlex® Fusion 5c					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 1 - STR Results						
N7LWUF	Identifiler® Plus					
1	8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 -		15,16 29,29.3	11,12 X,X 8,9	11,12 12,12 11,12 6,6
N8HXTW	Investigator® 24plex					
1	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 -	11,12 13,15 29,29.3	15,16 18,24 10,17 18,19	11,12 11,12 X,X 8,9	12,12 11,12 11,12 6,6
NAPLK4	GlobalFiler™					
1	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 -	11,12 13,15 29,29.3	15,16 18,24 10,17 18,19	11,12 11,12 X,X 8,9	12,12 11,12 11,12 6,6
NEX74U	PowerPlex® Fusion 5C					
1	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 9,13 -	11,12 13,15 29,29.3 13,16	15,16 18,24 10,17 18,19	11,12 11,12 X,X 8,9	12,12 11,12 11,12 6,6
NH7FW6	GlobalFiler™					
1	14,15 8,10 15,19 18,2,29 15,17	22,24 15 13,14 -	11,12 13,15 29,29.3	15,16 18,24 10,17 18,19	11,12 11,12 X 8,9	12 11,12 6
NHDQ33	PowerPlex® Fusion 5C					
1	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 9,13 No Results	11,12 13,15 29,29.3 13,16	15,16 18,24 10,17 18,19	11,12 11,12 X,X 8,9	12,12 11,12 11,12 6,6
NHYHDT	Investigator® 24plex					
1	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 -	11,12 13,15 29,29.3	15,16 18,24 10,17 18,19	11,12 11,12 X,X 8,9	12,12 11,12 11,12 6,6

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
NJUK4C	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
NLC6N8	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
NQG2JE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
NR9X89	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
NWJJUE	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
NY76RW	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
NZZXMF	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
P3H3N3	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
P3KMHJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
P4DMB3	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P4UBLP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P4Y22Z	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P77JYW	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
P7L8AJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
P8AVJX	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
P8TP9E	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P9UKVQ	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PA2R9R	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
PA7PH9	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PAKNMC	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PC8A8M	PowerPlex® ESI 16 FAST					
1	14,15	22,24	11,12	15,16		
		15	13,15	18,24		12
	15,19	13,14	29,29.3	10,17	X	
	18,2,29				8,9	
	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 1 - STR Results						
PCBM3W	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PCTVRQ	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PD7BFZ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
PFVXAU	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PGKUD9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
PHDW84	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PHZ87C	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No results.			No results.	

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
PJXVL8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PLCCD7	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PLUTLY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
PMREPK	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
PN47G2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
PN8CTB	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PNNH8E	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
PPRWCE	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
PQCYBL	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PRKKWV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PTZFKU	PowerPlex® Fusion 6C Direct					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PUAZCX	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PURJAU	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PWY9JD	PowerPlex® Fusion 6C, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
PXRRD6	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PYFMY8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	Not Tested
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not Tested	Not Tested	18,19	8,9	6,6
	15,17	No Results	Not Tested	Not Tested	No Results	
PZCGXG	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PZFG8D	PowerPlex® ESI 17 PRO					
1	14,15	22,24	11,12	15,16		
		15,15	13,15	18,24		12,12
	15,19	13,14	29,29.3	10,17	X,X	
	18,2,29			18,19	8,9	
	15,17					
Q3EFC3	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
Q3G29H	VeriFiler Plus					
1	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
Q8RA96	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
QAF6BZ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
QBUXB4	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
QE8VHQ	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
QEDFLE	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
QEWCYY	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
QFT8MQ	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
QRM7A8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
QUJHKT	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	ND			ND	
QYE3XP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
QYGQE4	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
QYW4RE	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
QYXEM3	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
R263PY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
R2U4WM	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	-
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-		18,19	8,9	6
	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 1 - STR Results						
R3HNDF	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
R7RKJV	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
R8KEEE	DNA-17					
1	14,15	22,24	11,12	15,16		
	15,15		13,15	18,24		12,12
	15,19	13,14	29,29.3	10,17	X,X	
	18,2,29			18,19	8,9	
	15,17					
R8Q34Q	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
R9ZJ6Q	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RC2R8F	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
RCGJAP	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
RCNGT2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
RE9FXJ	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
REMEZ3	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
RFFV6P	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RGDF9C	NGM SElect					
1	14,15	22,24	11,12	15,16		
		15,15	13,15	18,24		12,12
	15,19	13,14	29,29.3	10,17	X,X	
	18,2,29			18,19	8,9	
	15,17					
RJ3XYB	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
RJHGJ9	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
RKAD83	PowerPlex® Fusion 6C, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
RKUUN6	GlobalFiler™, Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	Not Tested
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	{11,12}
	18,2,29	Not Tested	Not Tested	18,19	8,9	6,6
	15,17	No Results	Not Tested	Not Tested	No Results	
RQ42CN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RRFETB	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
T2FFH2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
T2FWJY	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
T38T9T	GlobalFiler™ (STRmix v2.4.06)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-		18,19	8,9	6,6
	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 1 - STR Results						
TAATTG	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
TAR7UY	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
TAUDDZ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TBKVFF	PowerPlex® Fusion, 21, VERIFILER Express					
1	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
TCFY7M	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TCZMGP	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TFZVLZ	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
TLLTEU	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TMVV3D	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TN86ZZ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
TPPFED	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
TQVQKA	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
TR8FVZ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
TRML94	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	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 1 - STR Results						
TRTGRV	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TT8UHD	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	nt	NT	NR	
TTKDFP	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
TTRDP7	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TVLZU9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
TVW27G	PowerPlex® 21					
1	14,15	22,24		15,16	11,12	15,16
	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
TW2DKQ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
TWMNJY	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TYFZHQ	PowerPlex® 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TYQETZ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
TZKVV2	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
U3AJQ3	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
U3MPYJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
U83EY2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
U8HXJY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UBMC4J	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
UD4H3Z	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UD9L6Q	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
UFWTD8	Investigator® 24plex (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
UG6FVZ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UGJQQY	GlobalFiler™ (TrueAllele)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
UH3M4K	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UJBMET	PowerPlex® ESX17, HS16, HDplex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UJUJTE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UL3YZK	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
ULH6DN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
UMA4RM	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
UMUVPE	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
UNP79Z	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UP2Q83	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
UQEAE7E	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UQWTZ8	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UR3BX3	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
URNRD6	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UUEQR4	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
UUHXHDE	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
UWFW6N	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
UWZ8U2	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
V3N63P	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
V4TGGY	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
V72JDV	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
V9TF2P	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NT				

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
VD7NFU	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
VDL8ZQ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
VDP3XY	GlobalFiler™ (TrueAllele)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VEK4X2	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VGLQCK	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VGQNL2	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
VJCK2E	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
VK3L83	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
VLV8L9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VMQR99	PowerPlex® Fusion 6C System, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	-	-	-	-	
VQBEA9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VT4PHV	PowerPlex® Fusion 6C, GlobalFiler™ Xpress					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NID	NID	NID		
VTBYNR	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
W4TMMK	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
W6MZYW	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
W97ZCR	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
WAC4NA	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
WHDWXA	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WJKNZH	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
WJMLLT	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WLATWW	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 1 - STR Results						
WPQ8CP	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
WRJEW8	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WTBA4V	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
WUQWU4	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
WVKMZLH	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WYG862	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
X23DXW	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
X2XMK7	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
X3DM4V	GlobalFiler™ (TrueAllele)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
X46DXU	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
X6JADU	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
X78YBX	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
X7B9QR	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NA				
X7WVZA	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				

TABLE 2

WebCode Item	Amplification Kits (Probabilistic Genotyping Software)					
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
X8NXU6	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No results			No results	
X9YUB3	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	NA
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
XBNX9F	PowerPlex® Fusion					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
XE77H2	PowerPlex® Fusion, GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
XELJXX	PowerPlex® Fusion 6C (GeneMapper ID-X 1.5)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
XENR2W	GlobalFiler™ (STRmix)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
XER8EW	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
XHM4WW	GlobalFiler™ (STRmix™)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
XKW9BK	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
XMGLZA	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
XRULWZ	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR		
XULT4X	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
XWJYXN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	-
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	15,17	-	-	-	-	
XWRB2T	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
XYXEFW	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	--			--	
XZJBUN	GlobalFiler™ (STRmix v2.4.06)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
Y4ZUEJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
Y6FDUN	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
Y6YV/MV	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
Y6ZNMP	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
Y9DFK6	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
YAAMQ9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
YCMYTJ	PowerPlex® Fusion 6C Direct					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
YCWK6K		22,24		15,16	11,12	
1	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
YDTNLU	GlobalFiler™ (STRMIX)					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
YFZWZ7	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
YME3XR	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
YMGKVM	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 1 - STR Results						
YN9H2U	GlobalFiler™ Express					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
YNQWHY	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
YPPNMY	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
YQJAHB	PowerPlex® 21					
	14,15	22,24		15,16	11,12	15,16
1	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
YVE3AK	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
YW7BAM	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
YZLBFA	GlobalFiler™ Express					
	14,15	22,24	11,12	15,16	11,12	
1	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
Z2UA39	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
Z4MUE9	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	NR			NR	
Z6CU9R	GlobalFiler™, Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
Z7PATK	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
Z9VYT9	VeriFiler Plus PCR amplification kit					
1	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16		8,9	6
	15,17					
ZA76KW	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17					
ZBKPC8	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6,6
	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 1 - STR Results						
ZD8DN8	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
ZGAK3C	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	ND			ND	
ZH426E	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZJE229	Investigator® 24plex QS					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZJYXU9	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
ZL2RKK	PowerPlex® Fusion 5C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,[17]	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NT				
ZMW2LU	PowerPlex® Fusion 6C					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 1 - STR Results						
ZRRP32	Investigator® 24plex					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZV73RB	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZXVY6N	GlobalFiler™ Express					
1	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
ZYKMQJ	GlobalFiler™					
1	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	NT	NT	18,19	8,9	6,6
	15,17	NR	NT	NT	NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
23H73M	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
23JBTC	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
24G3ZX	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
26UH8J	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
2CNHAX	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11			2	
2GZFRR	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
2HVE8W	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
2KZNV3	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
2LFNFR	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
2R3NGQ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
2RMR6B	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	NR
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	NR	NR	19,24.2	7,9.3	8,11
	17,17	11	NR	NR	2	
2TZHEF	Investigator® 24plex GO!					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
2U6LRH	Identifiler® Plus					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9.3	8,11
	17,17					
2W2BLT	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 2 - STR Results					
2ZGZP3	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
324H33	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
32MEGM	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
33X7MJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
34ERGY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
37FEX4	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
392QME	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
398BLX	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				
3AGM2E	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
3B8LFC	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
3DV8ZM	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11	18	18		
3FL4XU	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
3FM3PG	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
3HCTBZ	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
3JK6QG	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
3JLGAL	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
3JPK3G	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
3LVZHZ	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
3NMW8U	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
3NZ6W4	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
3PCMC3	Identifiler® Direct					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9.3	8,11
	17,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
3TDQ4P	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
3TQDEU	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
3XZMJY	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	NA
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	NA	7,9.3	8,11
	17	11	NA	NA	NA	
3Y3XEM	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
3YHLPA	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
44ABPE	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
4642VT	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
47UZ9Q	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
48ULVB	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
49LHK6	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
4AV7LC	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
4B97W6	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
4BPU7R	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
4E79LL	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
4JJKME	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
4JKW94	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
4JM3MX	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
4PNWLE	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
4Q4GRN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
4RFYBF	Identifiler® Plus					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9,3	8,11
	17,17					
4RV6NJ	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
4T6VPD	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
4U62HN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
4UHXL8	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
4WAUA2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
4YGKQA	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
4YYJUZ	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
4ZBFY6	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
4ZC3PQ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
6AECL2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
6CKF93	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
6CXLCE	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
6D7TMU	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	NA
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	NA	7,9.3	8,11
	17	11	NA	NA	NA	
6EQMQU	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
6FCPAN	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
6FJPH6	PowerPlex® 21					
	15,16	17,24		15,16	10,11	11,17
2	9,10	10,15		17,21	10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17					
6H6XPE	Identifiler® Plus					
		17,[23]24		[14],15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9,3	8,11
	17,17					
6K9NXE	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
6PQFZM	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
6PY9CV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
6QBYMK	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11	18	18		
6RDWBF	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
6XJJAB	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
6Z6FPN	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
72D3HM	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
734H2P	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
73LRT7	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
76DMGY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
78FNHW	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
7AQW4	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
7BHUA3	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
7CR29N	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
7MEXEV	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
7N8LLD	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
7RLNG2	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
7U9PLJ	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
7UBAGY	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
7UF9T2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	NT
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	NT	NT	19,24.2	7,9.3	8,11
	17	11	NT	NT	2	
7WGWQX	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
7WK6UV	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
8264JP	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	NA
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	NA	7,9.3	8,11
	17	11	NA	NA	NA	
8272UL	GlobalFiler™, Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	Not Tested
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	Not Tested	Not Tested	19,24.2	7,9.3	{8,11}
	17,17	11	Not Tested	Not Tested	2	
82PK2D	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 2 - STR Results					
83WZ9J	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
863KX6	PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
86MA4P	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
872L7H	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
8C82UK	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
8CULPJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
8F6WFT	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
8FQA46	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
8K76YM	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
8LHGLE	Identifiler® Plus					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9,3	8,11
	17,17					
8M637N	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
8PW2KM	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
8Q8KKP	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
8QA3RZ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
					2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
8QTPTA	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
8QUTR8	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
8UTXXK	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
8WJHZN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
8WXUUM	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
8X97LK	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
8Y7J67	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
8ZECXP	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	20,3,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
928CPA	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
92MCA6	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
92NTHG	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
92NZZW	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
94DWEU	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
94W96A	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 2 - STR Results					
96NYY9	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
97JR78	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
99MMPB	Identifiler® Plus					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9.3	8,11
	17,17					
99RKYR	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
9BDPWJ	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
9DMEWT	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
9EA39T	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
9EDZQY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
9G3MKR	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
9GE74J	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
9JNBG8	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
9KF772	PowerPlex® 21					
	15,16	17,24		15,16	10,11	11,17
2	9,10	10,15		17,21	10	11,13
	17,19	13,14	31.2,32.2		X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17					
9MKLQL	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
9NKFCH	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 2 - STR Results					
9PCT2B	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
9QU7Y2	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	NT
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	NT	NT	19,24.2	7,9.3	8,11
	17	11	NT	NT	2	
9TDU28	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
9TDYEV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
9URLCV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
9W8TCW	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
9ZLLZM	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
A224WV	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
A3FCCB	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
A62TE9	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
A6ZERU	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
A7JTKJ	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
A9NKCW	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
ABCR2Z	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 2 - STR Results					
ABPZQ9	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
ADXXFJ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
AEBPAL	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
AHM6QH	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
AMFNTV	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
AMYPHJ	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11			2	
APNUGH	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
AQ4RNT	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
ATN6BW	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11			2	
AUMTN7	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
AUPCVH	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
B4HMGP	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	N/A
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	N/A	7,9.3	8,11
	17	11	N/A	N/A	N/A	
B7U2ZX	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
B89FFJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
B92VQA	Identifiler® Plus					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9,3	8,11
	17,17					
BAUCVW	Investigator® 24plex					
		15,16	17,24	10,11	15,16	10,11
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
BCVYAG	GlobalFiler™					
		15,16	17,24	10,11	15,16	10,11
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
BDAKJW	Investigator® 24plex					
		15,16	17,24	10,11	15,16	10,11
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
BE8X3H	GlobalFiler™ Express					
		15,16	17,24	10,11	15,16	10,11
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
BGGTWM	PowerPlex® Fusion 6C					
		15,16	17,24	10,11	15,16	10,11
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
BJFDC8	Investigator® 24plex QS					
		15,16	17,24	10,11	15,16	10,11
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
BL4JKP	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
BLHXZL	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
BTFP9F	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
BUGDX7	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
BVRN2H	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
BW9QYH	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
BXDKA9	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
BYPU8U	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
BZ9F7C	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
C2UCUA	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
C46W3J	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
C4FDZC	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
C4XC7M	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
C6TZKC	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
C7TGWU	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
C82F84	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
CAN96R	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
CBFYPR	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
CBZQMH	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
CDLVDL	Investigator® 24plex GO!					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
CDRKQE	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	-
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	-	-	19,24.2	7,9.3	8,11
	17,17	11	-	-	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
CEDF67	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
CJYJBW	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
CKQ2BR	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
CN9ALD	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
CNMVWZ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
CP3HN8	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
CPL773	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
CPZ6A8	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
CQEUBY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
CTHPU2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
CUALJV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
CUN2F2	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	11,17
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11				
CV7FFK	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11	18	18	2	
CY3RUQ	PowerPlex® Fusion 6C (DNAxs)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
CYABYN	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
CZJZM7	PowerPlex® Fusion 6C Direct					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
D2PN2H	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
D4VAR3	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
D73EJ7	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	Not tested
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	Not tested	Not tested	19,24.2	7,9.3	8,11
	17,17	11	Not tested	Not tested	2	
DALXNE	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
DBCPHR	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
DBW9G8	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
DDNXNC	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
DEB2DR	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	NR
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18	NR	
DHU9FH	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
DJAWEK	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
DK3THK	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
DKMEBB	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
DLVWJ2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
DN66NF	GlobalFiler™ (TrueAllele)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
DPCJUL	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
DQ88AB	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
DQVRFN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
DTKV9V	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
DTWC7N	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
DVN8VH	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
DWDQLH	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
DYNYZE	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
DZAHFJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
E47H8G	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
E4YAQN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
E4Z82J	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
E7XGLE	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
E7YPQY	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
E8V8QE	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
EAL89J	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
EEURTB	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
EFMLUK	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
EGGCZZ	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
EMQFYE	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
EMRUB9	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
EQJQJD	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
EQQN4P	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
EREQNX	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
EUK873	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
EVHYDM	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
EXAC3F	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				
EXNXE3	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
F24P2P	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
F3X4EL	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
F8CJ9K	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
F97AEY	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
FBR2CM	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
FCL247	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
FDCLVQ	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
FDKX2G	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
FNDVT2	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
FNX6RP	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
FVDFRQ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
FVZ6CD	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
FW9LZB	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
FWU3GD	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
FYYKML	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
G2FC4G	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
G3G3HC	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
G3RK23	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
G6HM9C	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
G786YC	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	11				
G7U6Z2	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
G8LRBY	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
G9CQPW	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
GAFP8Q	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
GARG3T	PowerPlex® 21					
2	15,16	17,24		15,16	10,11	11,17
	9,10	10,15		17,21	10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17					
GBMM3E	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
GCYCHK	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31,2,32,2	16	X,Y	10
	21,25			19,24,2	7,9,3	8,11
	17	11			2	
GE4VQD	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31,2,32,2	16	X,Y	10
	21,25	11,15	12,13	19,24,2	7,9,3	8,11
	17	11	18	18		
GFCAP8	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31,2,32,2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24,2	7,9,3	8,11
	17,17	11	18	18		
GFEULM	PowerPlex® Fusion, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31,2,32,2	16	X,Y	10
	21,25	11,15	12,13	19,24,2	7,9,3	8,11
	17	11			2	
GH4946	PowerPlex® Fusion, ESX 17					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31,2,32,2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24,2	7,9,3	8,11
	17,17	11				
GH88LY	PowerPlex® Fusion 6C Direct					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31,2,32,2	16	X,Y	10
	21,25	11,15	12,13	19,24,2	7,9,3	8,11
	17	11	18	18		
GHL9AF	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31,2,32,2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
GJXBBZ	GlobalFiler™ (STRmix)					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
GLLRMT	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
GM2FXF	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
GPMCB8	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
GRNXBZ	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
GRTDCB	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
GTNBUD	PowerPlex® 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
GUVGZR	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
GUY97A	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
GV6VE8	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
GXXQ42	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
GY928D	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
H2A3B3	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
H2GJTF	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
H392UB	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
H3R3HX	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
H6DCGJ	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
H7L2Q2	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
H8LH3K	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
H9AMBC	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
H9B7NF	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
H9DERE	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
HAQXM6	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
HBLGTC	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
HDA6XP	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
HDUMFD	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
HFU2D3	Investigator® 24plex (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
HJYMB2	PowerPlex® Fusion 6C Direct					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
HNMX2K	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
HPJRZV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
HTJRKL	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
HTYR7H	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
H WLAN3	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
HXB72F	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
HXCDD4	Identifiler® Plus					
		17,24		15,16	10,11	
2	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9.3	8,11
	17,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
HXEZUG	PowerPlex® Fusion, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11			2	
HXG9XF	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
HXTPV9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
J29GJF	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	INC				
J2PMVY	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
J4XDYE	Investigator® 24plex GO! (TrueAllele)					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
JBUUBY	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
JD36N9	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
JD8K2A	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
JDFF3M	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
JET67Y	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
JFTNA8	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
JFV8FH	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
JG64Y2	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
JHF8B6	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
JKH4WT	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
JMKMK8	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
JN4QV8	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
JQQU9D	PowerPlex® ESI 17 Fast System					
	15,16	17,24	10,11	15,16		
2		10,15	12,13	17,21		11,13
	17,19	13,14	31.2,32.2	16	X,Y	
	21,25			19,24.2	7,9.3	
	17					
JV3F87	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
JV4KXV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
JW9E8Z	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
JX9ZXQ	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
JYKCZ3	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
JZGKVM	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
K6CUZY	PowerPlex® Fusion 6C Direct					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
K6NBXT	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
K8BWH3	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
K8EZ9D	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
K8W228	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
K93VW2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
KBEK8Q	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
KFNE28	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
KGHN4	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
KJNQW8	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
KQ8FWH	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
KQT8TM	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11	18	18		
KVF49X	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
KWBV8P	PowerPlex® 21					
2	15,16	17,24		15,16	10,11	11,17
	9,10	10,15		17,21	10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17					
KWCC4G	GlobalFiler™					
2	[15],[16]	[17],[24]	10,11	15,16	10,11	
	9,10	10,15	12,[13]	17,[21]	10,10	[11],[13]
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	[7],[9,3]	[8],[11]
	17,17	11			2	
KYH6BF	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
KZATFB	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
KZBPQ8	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	-
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	-	-	19,24.2	7,9.3	8,11
	17,17	11	-	-	2	
KZBVGU	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
L29GW7	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
L4A4CB	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
L88PY8	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
L8C2M4	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
LC3G86	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
LCG3JR	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
LCY8QB	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
LCYX2T	PowerPlex® ESX-17, ESSplex SE QS, Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
LDYB4U	GlobalFiler™ (STRmix)					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
LFNNMC	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
LHMLVY	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
LJNZHC	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	-----
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18	-----	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
LKCZBZ	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
LKZ46V	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
LL8NM4	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
LLQ8UW	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
LLUUBB	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
LMVA8E	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
LP9PPM	Verifiler Plus					
2	15,16	17,24	10,11	15,16	10,11	11,17
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17				2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
LPL8LD	PowerPlex® Fusion 5C, MiniFiler					
2	15,16	17,24	10,11	15,16	10,11	NA
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	NA	7,9,3	8,11
	17	11	NA	NA	NA	
LUL9CV	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				
LULAV9	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
LWACR2	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
LX6VX9	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
LXKNJX	Identifiler® Plus					
2		17,24		15,16	10,11	
	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9,3	8,11
	17,17					
LYTVNC	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
M2V8UB	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	NA
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	NA	7,9.3	8,11
	17	11	NA	NA	NA	
M6DF6W	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
M6XYCP	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
M6YKRH	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
M86EHV	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
M8NLX7	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
M8R44G	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
M9XVNH	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
MB23XG	PowerPlex® Fusion, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11			2	
MBQFZG	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
ME37QP	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
MFEQPZ	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
MGU3FH	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
MHKW27	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
MHPBE8	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
MK9MER	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
MKT3PT	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
MKG2M	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
ML6J37	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
MP74T7	PowerPlex® Fusion, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11			2	
MRDC7X	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
MUER32	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
MW9P2E	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
N372AG	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	NT
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	NT	NT	19,24.2	7,9,3	8,11
	17	11	NT	NT	2	
N3QQBN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
N3RUCA	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				
N4WVM7	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
N7LWUF	Identifiler® Plus					
		17,24		15,16	10,11	
2		9,10	10,15		10,10	11,13
		17,19	13,14	31.2,32.2	X,Y	10,10
		21,25			7,9,3	8,11
		17,17				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
N8HXTW	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
NAPLK4	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
NEX74U	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
NH7FW6	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
NHDQ33	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
NHYHDT	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
NJUK4C	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
NLC6N8	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
NQG2JE	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
NR9X89	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
NWJJUE	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
NY76RW	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
NZZXMF	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
P3H3N3	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
P3KMHJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
P4DMB3	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
P4UBLP	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
P4Y22Z	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
P77JYW	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
P7L8AJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
P8AVJX	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
P8TP9E	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
P9UKVQ	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
PA2R9R	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
PA7PH9	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
PAKNCM	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
PC8A8M	PowerPlex® ESI 16 FAST					
2	15,16	17,24	10,11	15,16		
		10,15	12,13	17,21		11,13
	17,19	13,14	31.2,32.2	16	X,Y	
	21,25				7,9.3	
	17					
PCBM3W	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
PCTVRQ	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
PD7BFZ	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
PFVXAU	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
PGKUD9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
PHDW84	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
PHZ87C	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
PJXVL8	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
PLCCD7	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
PLUTLY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
PMREPK	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
PN47G2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
PN8CTB	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
PNNH8E	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
PPRWCE	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
PQCYBL	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
PRKKWV	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
PTZFKU	PowerPlex® Fusion 6C Direct					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
PUAZCX	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
PURJAU	GlobalFiler™ (STRmix)					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
PWY9JD	PowerPlex® Fusion 6C, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18	2	
PXRRD6	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
PYFMY8	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	Not Tested
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	Not Tested	Not Tested	{19,24.2}	7,9,3	8,11
	17,17	11	Not Tested	No Tested	2	
PZCGXG	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
PZFG8D	PowerPlex® ESI 17 PRO					
	15,16	17,24	10,11	15,16		
2		10,15	12,13	17,21		11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17,17					
Q3EFC3	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11			2	
Q3G29H	VeriFiler Plus					
	15,16	17,24	10,11	15,16	10,11	11,17
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17				2	
Q8RA96	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
QAF6BZ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
QBUXB4	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
QE8VHQ	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
QEDFLE	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
QEWCYY	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.3	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
QFT8MQ	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
QRM7A8	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
QUJHKT	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
QYE3XP	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
QYGQE4	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	INC				
QYW4RE	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
QYXEM3	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
R263PY	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
R2U4WM	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	-
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	-	-	19,24.2	7,9.3	8,11
	17	11	-	-	2	
R3HNDF	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 2 - STR Results					
R7RKJV	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
R8KEEE	DNA-17					
	15,16	17,24	10,11	15,16		
2		10,15	12,13	17,21		11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	
	21,25			19,24.2	7,9.3	
	17,17					
R8Q34Q	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
R9ZJ6Q	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
RC2R8F	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
RCGJAP	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
RCNGT2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
RE9FXJ	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
REMEZ3	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
RFFV6P	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
RGDF9C	NGM SElect					
	15,16	17,24	10,11	15,16		
2		10,15	12,13	17,21		11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	
	21,25			19,24.2	7,9.3	
	17,17					
RJ3XYB	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
RJHGJ9	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
RKAD83	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
RKUUN6	GlobalFiler™, Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	Not Tested
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	Not Tested	Not Tested	19,24.2	7,9.3	8,11
	17,17	11	Not Tested	Not Tested	2	
RQ42CN	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
RRFETB	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
T2FFH2	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
T2FWJY	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11			2	
T38T9T	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	-	-	19,24.2	7,9.3	8,11
	17,17	11	-	-	2	
TAATTG	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
TAR7UY	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
TAUDDZ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
TBKVFF	PowerPlex® Fusion, 21, VERIFILER Express LER Plus					
	15,16	17,24	10,11	15,16	10,11	11,17
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11			2	
TCFY7M	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
TCZMGP	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
TFZVLZ	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
TLLTEU	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
TMVW3D	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
TN86ZZ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
TPPFED	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
TQVQKA	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
TR8FVZ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
TRML94	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
TRTGRV	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
TT8UHD	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	NT
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	NT	NT	19,24.2	7,9.3	8,11
	17	11	NT	NT	2	
TTKDFP	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
TTRDP7	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
TVLZU9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
TVW27G	PowerPlex® 21					
2	15,16	17,24		15,16	10,11	11,17
	9,10	10,15		17,21	10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17					
TW2DKQ	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
TWMNJP	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
TYFZHQ	PowerPlex® 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
TYQETZ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
TZKVV2	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
U3AJQ3	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
U3MPYJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
U83EY2	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
U8HXJY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
UBMC4J	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
UD4H3Z	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
UD9L6Q	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
UFWTD8	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
UG6FVZ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
UGJQQY	GlobalFiler™ (TrueAllele)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
UH3M4K	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
UJBMET	PowerPlex® ESX17, HS16, HDplex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17					
UJUJTE	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				2
UL3YZK	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				2
ULH6DN	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				2
UMA4RM	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
UMUVPE	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				2
UNP79Z	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
UP2Q83	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11	18	18		
UQEAE7E	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				
UQW7Z8	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
UR3BX3	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				
URNRD6	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11			2	
UUEQR4	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				
UXXHDE	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
UWFW6N	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17	11				
UWZ8U2	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
V3N63P	GlobalFiler™ (STRmix)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11			2	
V4TGGY	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
V72JDV	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17,17	11	18	18		
V9TF2P	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	11				
VD7NFU	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
VDL8ZQ	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
VDP3XY	GlobalFiler™ (TrueAllele)					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
VEK4X2	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
VGLQCK	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
VGQNL2	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
VJCK2E	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
VK3L83	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
VLV8L9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
VMQR99	PowerPlex® Fusion 6C System, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18	2	
VQBEA9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
VT4PHV	PowerPlex® Fusion 6C, GlobalFiler™ XPRESS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18	2	
VTBYNR	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
W4TMMK	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
W6MZYW	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
W97ZCR	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
WAC4NA	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13		7,9.3	8,11
	17,17	11				
WHDWXA	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
WJKNZH	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
WJMLLT	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
WLATWW	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
WPQ8CP	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
WRJEW8	Investigator® 24plex					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
WTBA4V	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
WUQWU4	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
WVKMZM	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
WYG862	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
X23DXW	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
X2XMK7	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
X3DM4V	GlobalFiler™ (TrueAllele)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
X46DXU	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
X6JADU	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
X78YBX	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
X7B9QR	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
X7WVZA	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18	2	
X8NXU6	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
X9YUB3	PowerPlex® Fusion 5C					
	15,16	17,24	10,11	15,16	10,11	NA
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	NA	7,9,3	8,11
	17	11	NA	NA	NA	
XBNX9F	PowerPlex® Fusion					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	11				
XE77H2	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11			2	
XELJXX	PowerPlex® Fusion 6C (GeneMapper ID-X 1.5)					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
XENR2W	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
XER8EW	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
XHM4WW	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
XKW9BK	Investigator® 24plex QS					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
XMGLZA	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				2
XRULWZ	PowerPlex® Fusion 6C					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
XULT4X	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				2
XWJYXN	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	-
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	-	-	19,24.2	7,9.3	8,11
	17,17	11	-	-		2
XWRB2T	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				2
XYXEFW	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				2

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
XZJBUN	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
Y4ZUEJ	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
Y6FDUN	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
Y6YV/MV	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
Y6ZNMP	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
Y9DFK6	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
YAAMQ9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
YCMYTJ	PowerPlex® Fusion 6C Direct					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
YCWK6K						
2		17,24		15,16	10,11	
	9,10	10,15			10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25				7,9.3	8,11
	17,17					
YDTNLU	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
YFZWZ7	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	NT
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	NT	NT	19,24.2	7,9.3	8,11
	17	11	NT	NT	2	
YME3XR	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
YMGKVM	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
YN9H2U	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
YNQWHY	PowerPlex® Fusion					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9,3	8,11
	17	INC				
YPPNMY	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
YQJAHB	PowerPlex® 21					
2	15,16	17,24		15,16	10,11	11,17
	9,10	10,15		17,21	10,10	11,13
	17,19	13,14	31.2,32.2		X,Y	10,10
	21,25	11,15	12,13		7,9,3	8,11
	17,17					
YVE3AK	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9,3	8,11
	17	11	18	18		
YW7BAM	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
YZLBFA	GlobalFiler™ Express					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9,3	8,11
	17	11			2	
Z2UA39	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9,3	8,11
	17,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
Z4MUE9	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
Z6CU9R	PowerPlex® Fusion 6C, GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18	2	
Z7PATK	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
Z9VYT9	VeriFiler Plus PCR amplification kit					
2	15,16	17,24	10,11	15,16	10,11	11,17
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17				2	
ZA76KW	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
ZBKPC8	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17,17	11	18	18		
ZD8DN8	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
ZGAK3C	GlobalFiler™					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
ZH426E	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
ZJE229	Investigator® 24plex QS					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				
ZJYXU9	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11				
ZL2RKK	PowerPlex® Fusion 5C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13		7,9.3	8,11
	17	11				
ZMW2LU	PowerPlex® Fusion 6C					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25	11,15	12,13	19,24.2	7,9.3	8,11
	17	11	18	18		
ZRRP32	Investigator® 24plex					
2	15,16	17,24	10,11	15,16	10,11	
	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11				

TABLE 2

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

Item 2 - STR Results

ZV73RB	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25			19,24.2	7,9.3	8,11
	17,17	11			2	
ZXVY6N	GlobalFiler™ Express					
	15,16	17,24	10,11	15,16	10,11	
2	9,10	10,15	12,13	17,21	10	11,13
	17,19	13,14	31.2,32.2	16	X,Y	10
	21,25			19,24.2	7,9.3	8,11
	17	11			2	
ZYKMQJ	GlobalFiler™					
	15,16	17,24	10,11	15,16	10,11	NT
2	9,10	10,15	12,13	17,21	10,10	11,13
	17,19	13,14	31.2,32.2	16,16	X,Y	10,10
	21,25	NT	NT	19,24.2	7,9.3	8,11
	17,17	11	NT	NT	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
23H73M	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
23JBTC	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
24G3ZX	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
26UH8J	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
2CNHAX	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
2GZFRR	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
2HVE8W	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
2KZNV3	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
2LFNFR	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
2R3NGQ	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
2RMR6B	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	NR
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	NR	NR	18,19	8,9	6,6
	15,17	NR	NR	NR	NR	
2TZHEF	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-				
2U6LRH	Identifiler® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
2ZGZP3	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
32MEGM	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
33X7MJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
34ERGY	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
37FEX4	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
392QME	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
398BLX	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
3AGM2E	PowerPlex® Fusion 5C (STRmix V2.10)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 3 - STR Results						
3B8LFC	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3DV8ZM	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
3FL4XU	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
3FM3PG	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
3HCTBZ	Investigator® 24plex (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3JK6QG	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
3JLGAL	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results		No Results		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
3JPK3G	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
3LVZHZ	GlobalFiler™ (STRmix)					
	13,14,15	21,22,24	10,11,12	14,15,16	10,11,12	
3	7,8,9,10	14,15,16	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X	10,11,12
	17.2,18.2,28,29			17,17.2,18,19	8,9	6
	14,15,16,17					
3NMW8U	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
3NZ6W4	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
3PCMC3	Identifiler® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18.2,29				8,9	6,6
	15,17					
3TDQ4P	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
3TQDEU	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	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 3 - STR Results						
3XZMJY	PowerPlex® Fusion 5C, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	NA
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
3Y3XEM	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
3YHLPA	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
44ABPE	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4642VT	PowerPlex® Fusion 5C (STRmix v 2.7)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
47UZ9Q	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	--		--		
48ULVB	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
49LHK6	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
4AV7LC	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4B97W6	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4BPU7R	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
4E79LL	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
4JJKME	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
4JKW94	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
4JM3MX	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4PNWLE	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
4Q4GRN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4RFYBF	Identifier® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
4RV6NJ	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
4T6VPD	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
4U62HN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
4UHXL8	GlobalFiler™ (STRMix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,2
	18.2,29			18,19	8,9	6
	15,17					
4WAUAA2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
4YGKQA	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	NR			NR	
4YYJUZ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
4ZBFY6	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	NR			NR	
4ZC3PQ	GlobalFiler™, MiniFiler (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	-			-	
6AECL2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	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 3 - STR Results						
6CKF93	GlobalFiler™ (STRmix v2.5)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
6CXLCE	Investigator® 24plex (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
6D7TMU	PowerPlex® Fusion 5C, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	NA
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
6EQMQV	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
6FCPAN	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
6FJPH6	PowerPlex® 21					
	14,15	22,24		15,16	11,12	15,16
3	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
6H6XPE	Identifiler® Plus					
		22,24		15,16	11,12	
3		8,10	15,15		11,12	12,12
		15,19	13,14	29,29.3		X,X
		18,2,29			8,9	11,12
		15,17			6,6	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
6K9NXE	Investigator® 24plex (STRMix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
6PQFZM	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
6PY9CV	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
6QBYSMK	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
6RDWBF	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
6XJJAB	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
72D3HM	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
734H2P	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
73LRT7	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
76DMGY	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
78FNHW	GlobalFiler™					
	[14],[15]	22,24	11,12	15,16	11,[12]	
3	8,10	15,15	[13],[15]	[18],[24]	11,12	12,12
	15,19	13,14	29,29.3	10,[17]	X,X	11,[12]
	18,2,29			18,19	8,9	6,6
	15,17					
7AQVV4	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
7BHUA3	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
7MEXEV	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
7RLNG2	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
7U9PLJ	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
7UBAGY	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR		
7UF9T2	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	NT
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
7WGWQX	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
7WK6UV	Investigator® 24plex (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8264JP	PowerPlex® Fusion 5C, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	NA
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
8272UL	GlobalFiler™, Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	Not Tested
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not Tested	Not Tested	{18,19}	8,9	6,6
	15,17	No Results	Not Tested	Not Tested	No Results	
82PK2D	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
83WZ9J	PowerPlex® Fusion 5C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
863KX6	PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
86MA4P	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
872L7H	PowerPlex® Fusion 6C (STRmix v2.8)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
8C82UK	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
8CULPJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
8F6WFT	PowerPlex® Fusion (STR mix 2.7)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
8FQA46	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
8K76YM	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
8LHGLE	Identifiler® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
8M637N	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8Q8KKP	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
8QA3RZ	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8QTPTA	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8QUTR8	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
8UTXXK	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
8WJHZN	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
8WXUUM	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
8X97LK	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
8Y7J67	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
8ZECXP	PowerPlex® Fusion 6C (STRMix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
928CPA	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
92MCA6	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
92NTHG	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
92NZZW	Investigator® 24plex (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
94DWEU	Investigator® 24plex (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
94W96A	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
96NYY9	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
97JR78	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
99MMPB	Identifier® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18.2,29				8,9	6,6
	15,17					
99RKYR	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
9BDPWJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6
	15,17	NM			NM	
9DMEWT	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	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 3 - STR Results						
9EA39T	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
9EDZQY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
9G3MKR	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	NR			NR	
9GE74J	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
9JNBG8	PowerPlex® Fusion 5C (STRmix v2.10)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16		8,9	6,6
	15,17					
9KF772	PowerPlex® 21					
	14,15	22,24		15,16	11,12	15,16
3	8,10	15		18,24	11,12	12
	15,19	13,14	29,29.3		X	11,12
	18.2,29	9,13	13,16		8,9	6
	15,17					
9NKFCH	PowerPlex® Fusion 6C (STRmix v2.6.2)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17	NID	NID	NID		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
9PCT2B	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
9QU7Y2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	NT
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
9TDU28	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
9TDYEV	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
9URLCV	GlobalFiler™ (STRmix)					
	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
3	7,8,9,10	14,15	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X	10,11,12
	17.2,18.2,28,29			17,17.2,18,18.2,19	8,9	6
	14,15,16,17					
9W8TCW	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
9ZLLZM	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	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 3 - STR Results						
A224WV	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
A3FCCB	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
A62TE9	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
A6ZERU	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
A7JTKJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
A9NKCW	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
ABCR2Z	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
ABPZQ9	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ADXXFJ	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
AEBPAL	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
AHM6QH	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
AMFNTV	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
AMYPHJ	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
APNUGH	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 3 - STR Results						
AQ4RNT	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	ND	ND	ND		
ATN6BW	PowerPlex® Fusion, GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
AUMTN7	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
AUPCVH	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
B4HMGP	PowerPlex® Fusion 5C, MiniFiler					
3	14,15	22,24	11,12	15,16	11,12	N/A
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	N/A	8,9	6
	15,17	NR/NE	N/A	N/A	N/A	
B7U2ZX	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
B89FFJ	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
B92VQA	Identifiler® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
BAUCVW	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BCVYAG	PowerPlex® Fusion 5C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
BDAKJW	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BGGTWM	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
BJFDC8	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
BL4JKP	GlobalFiler™ (STRmix 2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	Not detected			Not detected	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
BLHXZL	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	-				
BTFP9F	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
BUGDX7	PowerPlex® Fusion 5C (STRmix v2.10)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
BW9QYH	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BXDKA9	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
BYPU8U	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
BZ9F7C	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
C2UCUA	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
C46W3J	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
C4FDZC	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
C4XC7M	PowerPlex® Fusion 5C (STRMix 2.7)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
C6TZKC	PowerPlex® Fusion 6C (STRmix v2.8)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
C7TGWU	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
C82F84	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
CAN96R	GlobalFiler™ (STRMix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CBFYPR	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
CBZQMH	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
CDLVDL	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	N/A				
CDRKQE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	-
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	15,17	-	-	-	-	-
CEDF67	GlobalFiler™ (STRmix 2.4.06)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR				
CJYJBW	Investigator® 24plex Q,S					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
CKQ2BR	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
CN9ALD	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
CNMVWZ	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
CP3HN8	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
CPL773	Investigator® 24plex QS (STRMix v2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
CPZ6A8	PowerPlex® Fusion 5C (STRmix v2.10)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
CQEUBY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
CTHPU2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CUALJV	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CUN2F2	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	15,16
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
CV7FFK	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
CY3RUQ	PowerPlex® Fusion 6C (DNAxs)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
CYABYN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
CZJZM7	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
D2PN2H	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
D4VAR3	PowerPlex® Fusion 5C (STRmix v2.10)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
D73EJ7	GlobalFiler™ (STRmix 2.4.06)					
	14,15	22,24	11,12	15,16	11,12	Not tested
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not tested	Not tested	18,19	8,9	6,6
	15,17	No result	Not tested	Not tested	No result	
DALXNE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DBCPHR	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR		
DBW9G8	GlobalFiler™ (STRmix v2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No result			No result	
DEB2DR	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	NR
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	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 3 - STR Results						
DHU9FH	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DJAWEK	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
DK3THK	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
DKMEBB	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
DLVWJ2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DN66NF	GlobalFiler™ (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DPCJUL	PowerPlex® Fusion (strmix v2.7)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
DQ88AB	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
DQVRFN	GlobalFiler™ (strmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
DTKV9V	GlobalFiler™ (STRmix v2.5)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
DTWC7N	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DVN8VH	GlobalFiler™ (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
DWDQLH	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	-	-	-		
DYNYZE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
DZAHFJ	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
E47H8G	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
E4YAQN	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
E4Z82J	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
E7XGLE	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
E7YPQY	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
E8V8QE	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
EAL89J	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
EFMLUK	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
EGGCZZ	Investigator® 24plex QS (STRMix v2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EMQFYE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EMRUB9	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
EQJQJD	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
EQQN4P	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
EREQNX	PowerPlex®, MiniFiler					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
EUK873	PowerPlex® Fusion 5C (STRmix v2.10)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
EVHYDM	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
EXAC3F	PowerPlex® Fusion					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
EXNXE3	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
F24P2P	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
F3X4EL	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
F8CJ9K	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
F97AEY	Investigator® 24plex QS (STRmix v.2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FBR2CM	GlobalFiler™ (STRmix)					
	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
3	7,8,9,10	14,15	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X	10,11,12
	17,2,18,2,28,29			17,17,2,18,18,2,19	8,9	6
	14,15,16,17					
FCL247	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
FDCLVQ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FDKX2G	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FNDVT2	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
FNX6RP	Investigator® 24plex					
	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
3	7,8,9,10	14,15,16	12,13,14,15	17,18,23,24	10,11,12	11,12,13
	14,15,18,19	12,13,14	28,29,29.3	9,10,16,17,18	X,X	10,11,12
	17,2,18,2,28,29			17,18,19	7,8,9	5,6
	14,15,16,17					
FVDFRQ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FVZ6CD	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
FW9LZB	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
FWU3GD	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
FYYKML	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G2FC4G	PowerPlex® Fusion 6C (STRMix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
G3G3HC	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G3RK23	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G6HM9C	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
G786YC	PowerPlex® Fusion 5C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
G7U6Z2	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
G8LRBY	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
G9CQPW	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
GAFFP8Q	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
GARG3T	PowerPlex® 21					
3	14,15	22,24		15,16	11,12	15,16
	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
GBMM3E	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GCYCHK	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
GE4VQD	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GFCAP8	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
GFEULM	PowerPlex® Fusion, GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
GH4946	PowerPlex® Fusion, ESX 17					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	18,24	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Amplificación				
GH88LY	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GHL9AF	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
GJXBBZ	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
GLLRMT	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
GM2FXF	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
GPMCB8	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
		No Results				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
GRNXZB	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
GRTDCB	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GTNBUD	PowerPlex® 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
GUVGZR	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-				
GUY97A	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
GV6VE8	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
GXXQ42	PowerPlex® Fusion 5C					
3	14,15	(21),22,24	11,12,(13)	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 3 - STR Results						
GY928D	GlobalFiler™, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
H2A3B3	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
H2GJTF	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
H392UB	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
H3R3HX	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
H6DCGJ	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
H7L2Q2	PowerPlex® Fusion					
	14,15	22,24	[11],12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	[29],29.3	10,17	X	11,[12]
	18,2,29	9,13	13,16		8,9	6
	15,17	NT				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
H8LH3K	GlobalFiler™ (STRmix)					
	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
3	7,8,9,10	14,15,16	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X	10,11,12
	17,2,18,2,28,29			17,17,2,18,18,2,19	8,9	6
	14,15,16,17					
H9AMBC	PowerPlex® 16					
			15,16		11,12	
3	8,10	15,15			11,12	12,12
	15,19		29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
H9B7NF	PowerPlex® Fusion 5C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
H9DERE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HAQXM6	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HBLGTC	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
HDA6XP	GlobalFiler™ (STRmix v2.5)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
HDUMFD	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HFU2D3	Investigator® 24plex (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
HJYMB2	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
HPJRZV	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
HTJRKI	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
HTYR7H	PowerPlex® Fusion					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
HWLAN3	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
HXB72F	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17					
HXCDD4	Identifiler® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18.2,29				8,9	6,6
	15,17					
HXEZUG	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17					
HXG9XF	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17					
HXTPV9	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	---			---	
J29GJF	PowerPlex® Fusion 5C (STRmix 2.7.0)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16		8,9	6,6
	15,17	INC				
J2PMVY	GlobalFiler™ (STRmix V2.4.06)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	No Results			No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
J4XDYE	Investigator® 24plex QS (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
JBUUBY	GlobalFiler™ (STRmix v2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	NR			NR	
JD36N9	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
JD8K2A	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	15,17					
JDFF3M	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
JET67Y	GlobalFiler™ (STRmix 2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17	NR			NR	
JFTNA8	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
JFV8FH	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
JG64Y2	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
JHF8B6	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JKH4WT	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	ND			ND	
JN4QV8	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
JQQU9D	PowerPlex® ESI 17 Fast System					
	14,15	22,24	11,12	15,16		
3		15	13,15	18,24		12
	15,19	13,14	29,29.3	10,17	X	
	18,2,29			18,19	8,9	
	15,17					
JV3F87	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
JV4KXV	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JW9E8Z	GlobalFiler™ (STRmix v2.4)					
	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
3	8,9,10	14,15	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X	10,11,12
	17,2,18,2,28,29			17,18,19	7,8,9	6
	14,15,16,17	NR			NR	
JX9ZXQ	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
JYKCZ3	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
JZGKVM	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
K6CUZY	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
K6NBXT	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
K8BWH3	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
K8EZ9D	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
K8W228	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
K93VW2	NGM SElect					
	14,15	22,24	11,12	15,16		
3		15	13,15	18,24		12
	15,19	13,14	29,29.3	10,17	X	
	18,2,29			18,19	8,9	
	15,17					
KBEK8Q	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KFNE28	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KGHNIV4	PowerPlex® Fusion 6C (STRmix v.2.8)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 3 - STR Results						
KJNQW8	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
KQ8FWH	PowerPlex® Fusion 5C (STRmix v2.10)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
KQT8TM	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
KVF49X	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
KWBV8P	PowerPlex® 21 (STRmix 2.8.0.34)					
3	14,15	22,24		15,16	11,12	15,16
	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
KWCC4G	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
KYH6BF	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
KZATFB	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
KZBPQ8	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	-
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	15,17	-	-	-	-	-
KZBVGU	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
L29GW7	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
L4A4CB	PowerPlex® Fusion (STRmix v2.7)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
L88PY8	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
L8C2M4	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
LC3G86	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
LCG3JR	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
LCY8QB	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
LCYX2T	PowerPlex® EXX17, ESSplex SE QS, Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LDYB4U	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
LFNNMC	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LHMLVY	GlobalFiler™ (STRmix)					
	13,14,15	21,22,23,24	11,12	14,15,16	11,12	
3	8,10	14,15	13,15	18,23,24	11,12	11,12
	14,15,18,19	13,14	29,29.3	10,16,17	X	11,12
	17,2,18,2,28,29			17,18,19	8,9	6
	15,16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
LKCZBZ	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LKZ46V	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LL8NM4	PowerPlex® Fusion 6C (STRmix V2.8)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
LLQ8UW	PowerPlex® Fusion 5C (STRmix V2.10)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
LLUUBB	PowerPlex® Fusion (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
LMVA8E	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
LP9PPM	Verifiler Plus					
3	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	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 3 - STR Results						
LPL8LD	PowerPlex® Fusion 5C, MiniFiler					
3	14,15	22,24	11,12	15,16	11,12	NA
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
LUL9CV	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LULAV9	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LWACR2	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
LX6VX9	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
LXKNJX	Identifiler® Plus					
3		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
LYTVNC	PowerPlex® Fusion					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
M2V8UB	PowerPlex® Fusion 5C, MiniFiler					
3	14,15	22,24	11,12	15,16	11,12	NA
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
M6DF6W	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
M6XYCP	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
M6YKRH	Investigator® 24plex					
3	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
	8,9,10	14,15	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X	10,11,12
	17,2,18,2,28,29			17,18,19	7,8,9	6
	14,15,16,17					
M86EHV	PowerPlex® Fusion 5C (STRMIX V2.10)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
M8R44G	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
M9XVNH	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
MB23XG	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MBQFZG	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
ME37QP	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	ND			ND	
MFEQPZ	PowerPlex® Fusion 5C (STRmix v2.5.11)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
MGU3FH	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
MHKW27	GlobalFiler™, MiniFiler (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
MHPBE8	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
MK9MER	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
MKT3PT	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MKTG2M	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ML6J37	PowerPlex® Fusion 6C (STRMix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MP74T7	PowerPlex® Fusion, GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
MRDC7X	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
MUER32	Investigator® 24plex QS (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
MW9P2E	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
N372AG	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	NT
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
N3QQBN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
N3RUCA	PowerPlex® Fusion (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
N4WVM7	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
N7LWUF	Identifiler® Plus					
		22,24		15,16	11,12	
3	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
N8HXTW	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
NAPLK4	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
NEX74U	PowerPlex® Fusion 5C (STRmix V2.10)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
NH7FW6	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
NHDQ33	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
NHYHDT	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
NJUK4C	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
NLC6N8	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
NQG2JE	GlobalFiler™ (STRmix)					
3	13,13,2,14,15 7,8,9,10 14,15,18,19 17,2,18,2,28,29 14,15,16,17	21,22,23,24 14,15 12,13,14,15 12,13,14 17,17,2,18,18,2,19	10,11,12 12,13,14,15 28,29,29,3 17,17,2,18,18,2,19	14,15,16 17,18,23,24 10,16,17,18 X	10,11,12 10,11,12 10,11,12 8,9 6	
NR9X89	GlobalFiler™					
3	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 18,19	11,12 13,15 29,29,3 18,19	15,16 18,24 10,17 X,X	11,12 11,12 11,12 8,9 6,6	
NWJJUE	GlobalFiler™					
3	14,15 8,10 15,19 18,2,29 15,17	22,24 15 13,14 18,19	11,12 13,15 29,29,3 18,19	15,16 18,24 10,17 X	11,12 11,12 11,12 8,9 6	
NY76RW	Investigator® 24plex					
3	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 18,19	11,12 13,15 29,29,3 18,19	15,16 18,24 10,17 X,X	11,12 11,12 11,12 8,9 6,6	
NZZXMF	GlobalFiler™ (STRmix)					
3	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 18,19	11,12 13,15 29,29,3 18,19	15,16 18,24 10,17 X,X	11,12 11,12 11,12 8,9 6,6	
P3H3N3	PowerPlex® Fusion 6C (STRmix)					
3	14,15 8,10 15,19 18,2,29 15,17	22,24 15 13,14 9,13 13,16	11,12 13,15 29,29,3 18,19	15,16 18,24 10,17 X	11,12 11,12 11,12 8,9 6	
P3KMHJ	GlobalFiler™ (STRmix v2.5)					
3	14,15 8,10 15,19 18,2,29 15,17	22,24 15,15 13,14 18,19	11,12 13,15 29,29,3 18,19	15,16 18,24 10,17 X,X	11,12 11,12 11,12 8,9 NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
P4DMB3	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P4UBLP	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P4Y22Z	Investigator® 24plex QS (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
P77JYW	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
P7L8AJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
P8AVJX	PowerPlex® Fusion 5C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17	No Results				
P8TP9E	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
P9UKVQ	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PA2R9R	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
PA7PH9	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PAKNMC	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PC8A8M	PowerPlex® ESI 16 FAST					
	14,15	22,24	11,12	15,16		
3		15	13,15	18,24		12
	15,19	13,14	29,29.3	10,17	X	
	18,2,29				8,9	
	15,17					
PCBM3W	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PCTVRQ	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
PD7BFZ	PowerPlex® Fusion 6C (STRmix v2.8)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
PFVXAU	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PGKUD9	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
PHDW84	GlobalFiler™ (TrueAllele)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PHZ87C	GlobalFiler™ (STRmix 2.4)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No results.			No results.	
PJXVL8	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PLCCD7	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
PLUTLY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
PMREPK	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
PN47G2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
PN8CTB	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PNNH8E	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PPRWCE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
PQCYBL	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
PRKKWV	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PTZFKU	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PUAZCX	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
PURJAU	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PWY9JD	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PXRRD6	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
PYFMY8	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	Not Tested
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not Tested	Not Tested	18,19	8,9	6,6
	15,17	No Results	Not Tested	Not Tested	No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
PZCGXG	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
PZFG8D	PowerPlex® ESI 17 PRO					
3	14,15	22,24	11,12	15,16		
	15,15		13,15	18,24		12,12
	15,19	13,14	29,29.3	10,17	X,X	
	18,2,29			18,19	8,9	
	15,17					
Q3EFC3	PowerPlex® Fusion, GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
Q3G29H	VeriFiler Plus					
3	14,15	22,24	11,12	15,16	11,12	15,16
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
Q8RA96	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
QAF6BZ	GlobalFiler™ (STRmix v2.5)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
QBUXB4	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
QE8VHQ	PowerPlex® Fusion 5C (STRmix v2.10)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
QEDFLE	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				
QEWCYY	PowerPlex® Fusion 6C					
3						
QFT8MQ	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
QRM7A8	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
QUJHKT	GlobalFiler™ (STRmix v 2.4)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	ND			ND	
QYE3XP	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
QYGQE4	PowerPlex® Fusion (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
QYW4RE	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
R263PY	GlobalFiler™ (STRmix v2.5)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
R2U4WM	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	-
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6
	15,17	-	-	-	-	-
R3HND	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
R7RKJV	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17	No Results	No Results	No Results		
R8KEEE	DNA-17					
3	14,15	22,24	11,12	15,16		
		15,15	13,15	18,24		12,12
	15,19	13,14	29,29.3	10,17	X,X	
	18,2,29			18,19	8,9	
	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 3 - STR Results						
R8Q34Q	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
R9ZJ6Q	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RC2R8F	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
RCGJAP	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RCNGT2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
RE9FXJ	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
REMEZ3	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
RFFV6P	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RGDF9C	NGM SElect					
	14,15	22,24	11,12	15,16		
3		15,15	13,15	18,24		12,12
	15,19	13,14	29,29.3	10,17	X,X	
	18,2,29			18,19	8,9	
	15,17					
RJHGJ9	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
RKAD83	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
RKUUN6	GlobalFiler™, Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	Not Tested
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	Not Tested	Not Tested	18,19	8,9	6,6
	15,17	No Results	Not Tested	Not Tested	No Results	
RQ42CN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
RRFETB	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
T2FFH2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
T2FWJY	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
T38T9T	GlobalFiler™ (STRmix v2.4.06)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	15,17	-	-	-	-	
TAATTG	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	
TAR7UY	PowerPlex® Fusion 6C (STRMix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
TAUDDZ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TBKVFF	PowerPlex® Fusion, 21, VERIFILER Express					
	14,15	22,24	11,12	15,16	11,12	15,16
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	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 3 - STR Results						
TCFY7M	PowerPlex® Fusion 6C (STRMix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TCZMGP	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TLLTEU	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TMVV3D	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TN86ZZ	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
TPPFED	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
TQVQKA	PowerPlex® 5C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
TR8FVZ	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
TRML94	PowerPlex® Fusion 5C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	-				
TRTGRV	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TT8UHD	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
TTKDFP	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
TTRDP7	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TVLZU9	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
TVW27G	PowerPlex® 21					
	14,15	22,24		15,16	11,12	15,16
3	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
TW2DKQ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
TWMNJY	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TYFZHQ	PowerPlex® 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
TYQETZ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
TZKVV2	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
U3AJQ3	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	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 3 - STR Results						
U3MPYJ	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
U83EY2	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
U8HXJY	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
UBMC4J	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	NR			NR	
UD4H3Z	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17					
UD9L6Q	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	15,17					
UFWTD8	Investigator® 24plex (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18.2,29			18,19	8,9	6,6
	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 3 - STR Results						
UG6FVZ	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UGJQQY	GlobalFiler™ (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UH3M4K	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UJBMET	PowerPlex® ESX17, HS16, HDplex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UJUJTE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UL3YZK	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
ULH6DN	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
UMA4RM	PowerPlex® Fusion, MiniFiler					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	nr				
UMUVPE	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UNP79Z	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UP2Q83	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
UQEAE7E	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
UQWTZ8	GlobalFiler™ (STRmix 2.8)					
3	13,13,2,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
	7,8,9,10	14,15	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,28.3,29,29.3	9,10,16,17,18	X	10,11,12
	17,2,18,2,28,29			17,17,2,18,18,2,19	7,8,9	6
	14,15,16,17					
UR3BX3	PowerPlex® Fusion					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
URNRD6	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
UUEQR4	PowerPlex® Fusion (STRMix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
UXHDE	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
UWFW6N	PowerPlex® Fusion 5C (STRmix V2.10)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
UWZ8U2	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
V3N63P	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
V4TGGY	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
V72JDV	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
V9TF2P	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,[17]	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NT				
VD7NFU	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
VDL8ZQ	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
VDP3XY	GlobalFiler™ (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VEK4X2	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VGLQCK	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
VGQNL2	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
VJCK2E	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
VK3L83	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
VLV8L9	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VMQR99	PowerPlex® Fusion 6C Systme, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	-	-	-	-	-
VQBEA9	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
VT4PHV	PowerPlex® Fusion 6C (STRMIX v2.6)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NID	NID	NID		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
VTBYNR	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results			No Results	
W4TMMK	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
W6MZYW	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
W97ZCR	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No Results			No Results	
WAC4NA	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	No Results				
WHDWXA	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WJKNZH	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
WJMLLT	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WLATWW	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	-			-	
WPQ8CP	GlobalFiler™ (STRmix v2.4.06)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
WRJEW8	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
WTBA4V	PowerPlex® Fusion 6C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
WUQWU4	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
WVKMZB	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
WYG862	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
X23DXW	GlobalFiler™, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
X2XMK7	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
X3DM4V	GlobalFiler™ (TrueAllele)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
X46DXU	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
X6JADU	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
X78YBX	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
X7B9QR	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NA				
X8NXU6	GlobalFiler™ (STRmix 2.4)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	No results			No results	
X9YUB3	PowerPlex® Fusion 5C, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	NA
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	NA	8,9	6
	15,17	NR/NE	NA	NA	NA	
XBNX9F	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
XE77H2	PowerPlex® Fusion, GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
XELJXX	PowerPlex® Fusion 6C (GeneMapper ID-X 1.5)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
XENR2W	GlobalFiler™, MiniFiler (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
XER8EW	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
XHM4WW	GlobalFiler™, MiniFiler™ (STRmix™)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
XKW9BK	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
XMGLZA	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
XRULWZ	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17	NR	NR	NR		
XULT4X	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
XWJYXN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	-
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	-	-	18,19	8,9	6,6
	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 3 - STR Results						
XWRB2T	GlobalFiler™ (STRmix v2.5)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
XYXEFW	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	--			--	
XZJBUN	GlobalFiler™ (STRmix v2.4.06)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
Y4ZUEJ	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
Y6FDUN	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
Y6YVMV	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
Y6ZNMP	Investigator® 24plex QS					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	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 3 - STR Results						
Y9DFK6	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
YAAMQ9	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
YCMYTJ	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
YCWK6K						
3		22,24		15,16	11,12	
	8,10	15,15			11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29				8,9	6,6
	15,17					
YDTNLU	GlobalFiler™, MiniFiler (STRMIX)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
YFZWZ7	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	NT	NT	18,19	8,9	6
	15,17	NR	NT	NT	NR	
YME3XR	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	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 3 - STR Results						
YMGK MV	GlobalFiler™, MiniFiler					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	-			-	
YNQW WHY	PowerPlex® Fusion					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	INC				
YPPN MY	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
YQJAH B	PowerPlex® 21 (STRmix)					
	14,15	22,24		15,16	11,12	15,16
3	8,10	15,15		18,24	11,12	12,12
	15,19	13,14	29,29.3		X,X	11,12
	18,2,29	9,13	13,16		8,9	6,6
	15,17					
YVE3 AK	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
YW7B AM	GlobalFiler™ (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17					
YZLB FA	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6
	15,17	NM			NM	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
Z2UA39	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
Z4MUE9	GlobalFiler™ (STRmix v2.5)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	NR			NR	
Z7PATK	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
Z9VYT9	VeriFiler Plus PCR amplification kit					
	14,15	22,24	11,12	15,16	11,12	15,16
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17					
ZA76KW	PowerPlex® Fusion 6C (STRmix)					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
ZBKPC8	PowerPlex® Fusion 6C					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6,6
	15,17					
ZD8DN8	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	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 3 - STR Results						
ZGAK3C	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17	ND			ND	
ZH426E	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZJE229	Investigator® 24plex QS					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZJYXU9	Investigator® 24plex					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17					
ZL2RKK	PowerPlex® Fusion 5C					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,[17]	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NT				
ZMW2LU	PowerPlex® Fusion 6C (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16	18,19	8,9	6
	15,17					
ZRRP32	Investigator® 24plex					
3	13,14,15	21,22,23,24	10,11,12	14,15,16	10,11,12	
	8,9,10	14,15	12,13,14,15	17,18,23,24	10,11,12	11,12
	14,15,18,19	12,13,14	28,29,29.3	10,16,17,18	X,X	10,11,12
	17,2,18,2,28,29			17,18,19	8,9	6,6
	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

ZV73RB	GlobalFiler™					
3	14,15	22,24	11,12	15,16	11,12	
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29			18,19	8,9	6,6
	15,17					
ZYKMQJ	GlobalFiler™ (STRmix)					
3	14,15	22,24	11,12	15,16	11,12	NT
	8,10	15,15	13,15	18,24	11,12	12,12
	15,19	13,14	29,29.3	10,17	X,X	11,12
	18,2,29	NT	NT	18,19	8,9	6,6
	15,17	NR	NT		NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 3e - STR Results					
324H33	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3e	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29	9,13	13,16		8,9	6
	15,17	NR				
7CR29N	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3e	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
HNMX2K	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3e	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR			NR	
RJ3XYB	Investigator® 24plex					
	14,15	22,24	11,12	15,16	11,12	
3e	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18,2,29			18,19	8,9	6
	15,17	NR				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3sp - STR Results						
324H33	PowerPlex® Fusion 5C					
	14,15	22,24	11,12	15,16	11,12	
3sp	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29	9,13	13,16		8,9	6
	15,17	NR				
7CR29N	GlobalFiler™					
	15	22,24	11	NR	NR	
3sp	8	NR	NR	NR	11	12
	NR	NR	NR	10,17	X	11,12
	NR			NR	8	NR
	NR	NR			NR	
HNMX2K	GlobalFiler™					
	14,15	22,24	11,12	15,16	11,12	
3sp	8,10	15	13,15	18,24	11,12	12
	15,19	13,14	29,29.3	10,17	X	11,12
	18.2,29			18,19	8,9	6
	15,17	NR			NR	
RJ3XYB	Investigator® 24plex					
3sp						

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
23H73M	Investigator® 24plex QS (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
23JBTC	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
24G3ZX	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
26UH8J	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
2CNHAX	PowerPlex® Fusion, GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10			2	
2GZFRR	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
2HVE8W	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
2KZNV3	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
2LFNFR	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
2R3NGQ	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
2RMR6B	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	NR
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	NR	NR	25,2,27,2	7,7	8,8
	16,18	10	NR	NR	2	
2TZHEF	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
2U6LRH	Identifiler® Plus					
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
2ZGZP3	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
324H33	PowerPlex® Fusion 5C (STRMix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
32MEGM	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
33X7MJ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
34ERGY	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
37FEX4	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
392QME	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
398BLX	PowerPlex® Fusion 5C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				

TABLE 2

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

Item 4 - STR Results

3AGM2E	PowerPlex® Fusion 5C (STRmix V2.10)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
3B8LFC	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
3DV8ZM	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
3FL4XU	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
3FM3PG	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
3HCTBZ	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
3JK6QG	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
3JLGAL	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
3JPK3G	GlobalFiler™ (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
3LVZHZ	GlobalFiler™ (STRmix)					
	10,11,15,3,16,3	17,18	10,11,12	15,16,17	10,11,12	
4	9,10	14,15,16	13,14,15	18,19,20	11,12,13	9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,2,26,2,27,2	7	8
	15,16,17,18	10			2	
3NMW8U	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
3NZ6W4	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
3PCMC3	Identifiler® Plus					
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
3TDQ4P	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	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 4 - STR Results						
3TQDEU	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
3XZMJY	PowerPlex® Fusion 5C, MiniFiler					
	11,16.3	17,18	11,12	16,17	11,12	NA
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	NA	7	8
	16,18	10	NA	NA	NA	
3Y3XEM	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
3YHLPA	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
44ABPE	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7	8,8
	16,18	10				
4642VT	PowerPlex® Fusion 5C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
47UZ9Q	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
48ULVB	GlobalFiler™ (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
49LHK6	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4AV7LC	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
4B97W6	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
4BPU7R	PowerPlex® Fusion 5C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
4E79LL	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
4JJKME	PowerPlex® Fusion 6C (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
4JKW94	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4JM3MX	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4PNWLE	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
4Q4GRN	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4RFYBF	Identifiler® Plus					
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
4RV6NJ	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
4T6VPD	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
4U62HN	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
4UHXL8	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4WAUA2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
4YGKQA	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4YYJUZ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4ZBFY6	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
4ZC3PQ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

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

Item 4 - STR Results

6AECL2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
6CKF93	GlobalFiler™ (STRmix v2.5)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
6CXLCE	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
6D7TMU	PowerPlex® Fusion 5C, MiniFiler					
	11,16.3	17,18	11,12	16,17	11,12	NA
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	NA	7	8
	16,18	10	NA	NA	NA	
6EQMQV	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
6FCPAN	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
6FJPH6	PowerPlex® 21					
	11,16.3	17,18		16,17	11,12	17,19
4	10,10	15,16		19,20	12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18					

TABLE 2

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

Item 4 - STR Results

6H6XPE	Identifiler® Plus					
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
6K9NXE	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27.2	7	8
	16,18	10				
6PQFZM	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27.2	7	8
	16,18	10	18	17		
6PY9CV	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27.2	7	8
	16,18	10			2	
6QBYSMK	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27.2	7,7	8,8
	16,18	10	18	17		
6RDWBF	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27.2	7,7	8,8
	16,18	10				
6XJJAB	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27.2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
72D3HM	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
734H2P	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
73LRT7	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
76DMGY	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
78FNHW	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
7AQV4	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
7BHUA3	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
7CR29N	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
7MEXEV	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
7RLNG2	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
7U9PLJ	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
7UBAGY	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
7UF9T2	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	NT
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	NT	NT	25,2,27,2	7	8
	16,18	10	NT	NT	2	
7WGWQX	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
7WK6UV	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
8264JP	PowerPlex® Fusion 5C, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	NA
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	NA	7	8
	16,18	10	NA	NA	NA	
8272UL	GlobalFiler™, Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	Not Tested
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	Not Tested	Not Tested	25,2,27,2	7,7	8,8
	16,18	10	Not Tested	Not Tested	2	
82PK2D	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
83WZ9J	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
863KX6	PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
86MA4P	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
872L7H	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
8C82UK	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
8CULPJ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
8F6WFT	PowerPlex® Fusion					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
8FQA46	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
8K76YM	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
8LHGLE	Identifiler® Plus					
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
8M637N	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
8Q8KKP	PowerPlex® Fusion 6C (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
8QA3RZ	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
8QTPTA	Investigator® 24plex					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
8QUTR8	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
8UTXXK	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
8WJHZN	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
8WXUUM	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	17		
8X97LK	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10			2	
8Y7J67	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	
8ZECXP	PowerPlex® Fusion 6C (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	17		
928CPA	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10				
92MCA6	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10				
92NTHG	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
92NZZW	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
94DWEU	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
94W96A	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
96NYY9	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
97JR78	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
99MMPB	Identifiler® Plus					
4		17,18		16,17	11,12	
	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
99RKYR	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

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

Item 4 - STR Results

9BDPWJ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
9DMEWT	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
9EA39T	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
9EDZQY	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
9G3MKR	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
9GE74J	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
9JNBG8	PowerPlex® Fusion 5C (STRmix v2.10)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	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						
9KF772	PowerPlex® 21					
	11,16.3	17,18		16,17	11,12	17,19
4	10	15,16		19,20	12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18					
9NKFCH	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
9PCT2B	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
9QU7Y2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	NT
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	NT	NT	25,2,27,2	7	8
	16,18	10	NT	NT	2	
9TDU28	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
9TDYEV	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
9URLCV	GlobalFiler™ (STRmix)					
	10,11,15,3,16,1,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
4	9,10	14,15,16	13,14,15	18,19,20,21	11,12,13	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			14,24,2,25,25,2,26,2, 27,27,2	6,7,9,3	8
	15,16,17,18	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						
9W8TCW	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
9ZLLZM	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
A224WV	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
A3FCCB	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
A62TE9	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
A6ZERU	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
A7JTKJ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
A9NKCW	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
ABCR2Z	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
ABPZQ9	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
ADXXFJ	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
AEBPAL	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
AHM6QH	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
AMFNTV	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
AMYPHJ	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10			2	
APNUGH	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
AQ4RNT	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
ATN6BW	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10			2	
AUMTN7	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
AUPCVH	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
B4HMGP	PowerPlex® Fusion 5C, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	N/A
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	N/A	7	8
	16,18	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 4 - STR Results						
B7U2ZX	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
B89FFJ	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
B92VQA	Identifiler® Plus					
4		17,18		16,17	11,12	
	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
BAUCVW	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
BCVYAG	PowerPlex® Fusion 5C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
BDAKJW	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
BGGTWM	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results

BJFDC8	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
BL4JKP	GlobalFiler™ (STRmix 2.4)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
BLHXZL	PowerPlex® Fusion 5C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
BTFP9F	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
BUGDX7	PowerPlex® Fusion 5C (STRmix v2.10)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
BW9QYH	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
BXDKA9	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
BYPU8U	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
BZ9F7C	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
C2UCUA	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
C46W3J	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
C4FDZC	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
C4XC7M	PowerPlex® Fusion 5C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
C6TZKC	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	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 4 - STR Results

C7TGWU	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
C82F84	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
CAN96R	GlobalFiler™ (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
CBFYPR	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
CBZQMH	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
CDLVDL	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
CDRKQE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	-
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	-	-	25,2,27,2	7,7	8,8
	16,18	10	-	-	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
CEDF67	GlobalFiler™ (STRmix 2.4.06)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
CJYJBW	Investigator® 24plex Q,S					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
CKQ2BR	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
CN9ALD	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
CNMVWZ	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
CP3HN8	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
CPL773	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
CPZ6A8	PowerPlex® Fusion 5C (STRmix v2.10)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
CQEUBY	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
CTHPU2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
CUALJV	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
CUN2F2	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
CV7FFK	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
CY3RUQ	PowerPlex® Fusion 6C (DNAxs)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
CYABYN	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
CZJZM7	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
D2PN2H	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
D4VAR3	PowerPlex® Fusion 5C (STRmix v2.10)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
D73EJ7	GlobalFiler™ (STRmix 2.4.06)					
4	11,16.3	17,18	11,12	16,17	11,12	Not tested
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	Not tested	Not tested	25,2,27,2	7,7	8,8
	16,18	10	Not tested	Not tested	2	
DALXNE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
DBCPHR	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
DBW9G8	GlobalFiler™ (STRmix v2.4)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
DEB2DR	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	NR
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17	NR	
DHU9FH	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
DJAWEK	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
DK3THK	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
DKMEBB	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
DLVWJ2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
DN66NF	GlobalFiler™ (TrueAllele)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
DPCJUL	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
DQ88AB	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
DQVRFN	GlobalFiler™ (strmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
DTKV9V	GlobalFiler™ (STRmix v2.5)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
DTWC7N	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
DVN8VH	GlobalFiler™ (TrueAllele)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

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

Item 4 - STR Results

DWDQLH	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
DYNYZE	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
DZAHFJ	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
E47H8G	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
E4YAQN	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
E4Z82J	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
E7XGLE	GlobalFiler™ (STRmix 2.6.3)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
E7YPQY	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	NR	NR	25,2,27,2	7,7	8,8
	16,18	10	NR	NR	2	
E8V8QE	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
EAL89J	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
EFMLUK	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
EGGCZZ	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
EMQFYE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
EMRUB9	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
EQJQJD	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
EQQN4P	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
EREQNX	PowerPlex® Fusion, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
EUK873	PowerPlex® Fusion 5C (STRmix v2.10)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
EVHYDM	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
EXAC3F	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
EXNXE3	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
F24P2P	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
F3X4EL	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
F8CJ9K	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
F97AEY	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
FBR2CM	GlobalFiler™ (STRmix)					
4	10,11,15,3,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
	9,10	14,15,16	13,14,15	18,19,20	11,12,13,14	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,25,2,26,2,27, 27,2	7	8
	15,16,17,18	10			2	
FCL247	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
FDCLVQ	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
FDKX2G	GlobalFiler™					
4	11,16,3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
FNDVT2	Investigator® 24plex					
4	11,16,3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
FNX6RP	Investigator® 24plex					
4	10,11,15,3,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
	9,10	14,15,16	13,14,15	18,19,20	11,12,13	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,2,26,2,27,2	6,7	7,8
	15,16,17,18	9,10				
FVDFRQ	GlobalFiler™					
4	11,16,3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
FVZ6CD	GlobalFiler™					
4	11,16,3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
FW9LZB	PowerPlex® Fusion 6C (STRmix)					
4	11,16,3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
FWU3GD	PowerPlex® Fusion 6C (STRmix)					
4	11,16,3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
FYYKML	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
G2FC4G	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
G3G3HC	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
G3RK23	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
G6HM9C	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
G786YC	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
G7U6Z2	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
G8LRBY	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
G9CQPW	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
GAFP8Q	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
GARG3T	PowerPlex® 21					
4	11,16.3	17,18		16,17	11,12	17,19
	10,10	15,16		19,20	12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18					
GBMM3E	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
GCYCHK	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
GE4VQD	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
GFCAP8	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
GFEULM	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10			2	
GH4946	PowerPlex® Fusion, ESX 17					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10				
GH88LY	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
GHL9AF	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
GJXBBZ	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
GLLRMT	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
GM2FXF	PowerPlex® Fusion					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
GPMCB8	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
GRNXZB	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
GRTDCB	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
GTNBUD	PowerPlex® 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
GUVGZR	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
GUY97A	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
GV6VE8	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
GXXQ42	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	(10),11,(12),17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
GY928D	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
H2A3B3	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
H2GJTF	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
H392UB	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
H3R3HX	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
H6DCGJ	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
H7L2Q2	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	[16],17	11,12	
	10	15,16	14,15	[19],20	12,13	9,11
	11,[17]	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
H8LH3K	GlobalFiler™ (STRmix)					
4	10,11,15,3,16.3	16,17,18	10,11,12	15,16,17	10,11,12	
	9,10	14,15,16	13,14,15	18,19,20	11,12,13	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,2,26,2,27,27, 2	6,7	8
	15,16,17,18	10			2	
H9AMBC	PowerPlex® 16					
4				16,17	11,12	
	10,10	15,16			12,13	9,11
	11,17		30,31		X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18					
H9B7NF	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
H9DERE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
HAQXM6	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

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

Item 4 - STR Results

HBLGTC	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	17		
HDA6XP	GlobalFiler™ (STRmix v2.5)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10			2	
HDUMFD	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10			2	
HFU2D3	Investigator® 24plex (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10				
HJYMB2	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	17		
HNMX2K	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	
HPJRZV	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
HTJRKL	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
HTYR7H	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
H WLAN3	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
HXB72F	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
HXCDD4	Identifiler® Plus					
4		17,18		16,17	11,12	
	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
H XEZUG	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10			2	
H XG9XF	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
HXTPV9	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
J29GJF	PowerPlex® Fusion 5C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	INC				
J2PMVY	GlobalFiler™ (STRmix V2.4.06)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
J4XDYE	Investigator® 24plex QS (TrueAllele)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
JBUUBY	GlobalFiler™ (STRmix v2.4)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
JD36N9	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
JD8K2A	PowerPlex® Fusion 6C (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
JDFF3M	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
JET67Y	GlobalFiler™ (STRmix 2.4)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
JFTNA8	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
JFV8FH	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
JG64Y2	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
JHF8B6	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
JKH4WT	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
JN4QV8	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
JQQU9D	PowerPlex® ESI 17 Fast System					
	11,16.3	17,18	11,12	16,17		
4		15,16	14,15	19,20		9,11
	11,17	12,13	30,31	15	X,Y	
	20,21			25,2,27,2	7	
	16,18					
JV3F87	Investigator® 24plex QS (STRMIX)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
JV4KXV	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
JW9E8Z	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				2
JX9ZXQ	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
JYKCZ3	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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

JZGKVM	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
K6CUZY	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
K6NBXT	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
K8BWH3	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
K8EZ9D	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
K8W228	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
K93VW2	NGM SElect					
4	11,16.3	17,18	11,12	16,17		
		15,16	14,15	19,20		9,11
	11,17	12,13	30,31	15	X,Y	
	20,21			25,2,27,2	7	
	16,18					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
KBEK8Q	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
KFNE28	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
KGHNV4	PowerPlex® Fusion 6C (STRmix v.2.8)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
KJNQW8	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18,19	10			2	
KQ8FWH	PowerPlex® Fusion 5C (STRmix v2.10)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
KQT8TM	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
KVF49X	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
KWBV8P	PowerPlex® 21 (STRmix 2.8.0.34)					
	11,16,3	17,18		16,17	11,12	17,19
4	10,10	15,16		19,20	12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18					
KWCC4G	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
KYH6BF	PowerPlex® Fusion 6C (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
KZATFB	PowerPlex® Fusion					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
KZBPQ8	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	-
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	-	-	25,2,27,2	7,7	8,8
	16,18	10	-	-	2	
KZBVGU	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
L29GW7	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
L4A4CB	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
L88PY8	PowerPlex® Fusion 6C (STRmix v.2.8)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
L8C2M4	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
LC3G86	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
LCG3JR	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
LCY8QB	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
LCYX2T	PowerPlex® ESX-17, ESSplex SE QS, Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
LDYB4U	GlobalFiler™ (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
LFNNMC	PowerPlex® Fusion 6C (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
LHMLVY	GlobalFiler™ (STRmix)					
	10,11,15,3,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
4	9,10	14,15,16	13,14,15	18,19,20	11,12,13	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,2,26,2,27,2	6,7	7,8
	15,16,17,18	9,10			2	
LKCZBZ	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
LKZ46V	Investigator® 24plex					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
LL8NM4	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
LLQ8UW	PowerPlex® Fusion 5C (STRmix V2.10)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	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						
LLUUBB	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
LMVA8E	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
LP9PPM	Verifiler Plus					
4	11,16.3	17,18	11,12	16,17	11,12	17,19
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18				2	
LPL8LD	PowerPlex® Fusion 5C, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	NA
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	NA	7	8
	16,18	10	NA	NA	NA	
LUL9CV	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
LULAV9	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
LWACR2	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
LX6VX9	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
LXKNJX	Identifiler® Plus					
4		17,18		16,17	11,12	
	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
LYTVNC	PowerPlex® Fusion (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
M2V8UB	PowerPlex® Fusion 5C, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	NA
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	NA	7	8
	16,18	10	NA	NA	NA	
M6DF6W	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
M6XYCP	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
M6YKRH	Investigator® 24plex					
4	10,11,15,3,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
	9,10	14,15,16	13,14,15	18,19,20	11,12,13	9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	10,11
	20,21			24,2,25,2,27,2	7	8
	15,16,17,18	9,10				

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						
M86EHV	PowerPlex® Fusion 5C (STRMIX V2.10)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
M8R44G	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
M9XVNH	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
MB23XG	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10				2
MBQFZG	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
ME37QP	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				2
MFEQZP	PowerPlex® Fusion 5C (STRmix v2.5.11)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	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						
MGU3FH	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
MHKW27	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
MHPBE8	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
MK9MER	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
MKT3PT	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
MKTG2M	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
ML6J37	PowerPlex® Fusion 6C (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
MP74T7	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10			2	
MRDC7X	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10				
MUER32	Investigator® 24plex QS (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10				
MW9P2E	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	
N372AG	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	NT
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	NT	NT	25.2,27.2	7	8
	16,18	10	NT	NT	2	
N3QQBN	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	
N3RUCA	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				

TABLE 2

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

Item 4 - STR Results

N4WVM7	PowerPlex® Fusion5C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
N7LWUF	Identifiler® Plus					
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
N8HXTW	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27.2	7,7	8,8
	16,18	10				
NAPLK4	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27.2	7,7	8,8
	16,18	10			2	
NEX74U	PowerPlex® Fusion 5C (STRmix V2.10)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
NH7FW6	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27.2	7	8
	16,18	10			2	
NHDQ33	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27.2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
NYHHT	Investigator® 24plex					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
NJUK4C	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
NLC6N8	Investigator® 24plex QS					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
NQG2JE	GlobalFiler™ (STRmix)					
	10,11,15,3,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
4	9,10	14,15,16	13,14,15	18,19,20	11,12,13	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,2,26,2,27,2	7	8
	15,16,17,18	9,10				2
NR9X89	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				2
NWJJUE	GlobalFiler™ (STRmix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
NY76RW	Investigator® 24plex					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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						
NZZXMF	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
P3H3N3	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
P3KMHJ	GlobalFiler™ (STRmix v2.5)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
P4DMB3	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
P4UBLP	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
P4Y22Z	Investigator® 24plex QS (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
P77JYW	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
P7L8AJ	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
P8AVJX	PowerPlex® Fusion 5C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
P8TP9E	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
P9UKVQ	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
PA2R9R	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
PA7PH9	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
PAKNMC	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	Inc			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
PC8A8M	PowerPlex® ESI 16 FAST					
	11,16.3	17,18	11,12	16,17		
4		15,16	14,15	19,20		9,11
	11,17	12,13	30,31	15	X,Y	
	20,21				7	
	16,18					
PCBM3W	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
PCTVRQ	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
PD7BFZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
PFVXAU	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
PGKUD9	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
PHDW84	GlobalFiler™ (TrueAllele)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
PHZ87C	GlobalFiler™ (STRmix 2.4)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
PJXVL8	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
PLCCD7	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
PLUTLY	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
PMREPK	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
PN47G2	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
PN8CTB	GlobalFiler™ (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
PNNH8E	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
PPRWCE	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
PQCYBL	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
PRKKWV	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
PTZFKU	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
PUAZCX	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
PURJAU	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
PWY9JD	PowerPlex® Fusion 6C, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17	2	
PXRRD6	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
PYFMY8	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	Not Tested
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	Not Tested	Not Tested	25,2,27,2	7,7	8,8
	16,18	10	Not Tested	Not Tested	2	
PZCGXG	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
PZFG8D	PowerPlex® ESI 17 PRO					
4	11,16.3	17,18	11,12	16,17		
		15,16	14,15	19,20		9,11
	11,17	12,13	30,31	15,15	X,Y	
	20,21			25,2,27,2	7,7	
	16,18					
Q3EFC3	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10			2	
Q3G29H	VeriFiler Plus					
4	11,16.3	17,18	11,12	16,17	11,12	17,19
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18				2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
Q8RA96	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
QAF6BZ	GlobalFiler™ (STRmix v2.5)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
QBUXB4	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
QE8VHQ	PowerPlex® Fusion 5C (STRmix v2.10)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
QEDFLE	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
QEWCYY	PowerPlex® Fusion 6C					
4						
QFT8MQ	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
QRM7A8	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
QUJHKT	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
QYE3XP	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
QYGQE4	PowerPlex® Fusion					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
QYW4RE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
R263PY	GlobalFiler™ (STRmix v2.5)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
R2U4WM	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	-
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	-	-	25,2,27,2	7	8
	16,18	10	-	-	2	

TABLE 2

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

Item 4 - STR Results

R3HNDF	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
R7RKJV	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
R8KEEE	DNA-17					
4	11,16.3	17,18	11,12	16,17		
	15,16		14,15	19,20		9,11
	11,17	12,13	30,31	15,15	X,Y	
	20,21			25,2,27,2	7,7	
	16,18					
R8Q34Q	PowerPlex® Fusion 6C (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
R9ZJ6Q	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
RC2R8F	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
RCGJAP	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	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

RCNGT2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
RE9FXJ	Investigator® 24plex QS					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
REMEZ3	PowerPlex® Fusion 6C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
RFFV6P	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
RGDF9C	NGM SElect					
	11,16.3	17,18	11,12	16,17		
4		15,16	14,15	19,20		9,11
	11,17	12,13	30,31	15,15	X,Y	
	20,21			25,2,27,2	7,7	
	16,18					
RJ3XYB	PowerPlex® Fusion 5C					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
RJHGJ9	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
RKAD83	PowerPlex® Fusion 6C, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17	2	
RKUUN6	GlobalFiler™, Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	Not Tested
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	Not Tested	Not Tested	25,2,27,2	7,7	8,8
	16,18	10	Not Tested	Not Tested	2	
RQ42CN	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
RRFETB	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
T2FFH2	GlobalFiler™, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
T2FWJY	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10			2	
T38T9T	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	-	-	25,2,27,2	7,7	8,8
	16,18	10	-	-	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
TAATTG	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
TAR7UY	PowerPlex® Fusion 6C (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
TAUDDZ	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2
TBKVFF	PowerPlex® Fusion, 21, VERIFILER Express					
4	11,16.3	17,18	11,12	16,17	11,12	17,19
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				2
TCFY7M	PowerPlex® Fusion 6C (STRMix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
TCZMGP	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
TLLTEU	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				2

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
TMV3D	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
TN86ZZ	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
TPPFED	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
TQVQKA	PowerPlex® 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
TR8FVZ	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
TRML94	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
TRTGRV	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
TT8UHD	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	NT
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	NT	NT	25,2,27,2	7	8
	16,18	10	NT	NT	2	
TTKDFP	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
TTRDP7	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
TVLZU9	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
TVW27G	PowerPlex® 21					
4	11,16.3	17,18		16,17	11,12	17,19
	10,10	15,16		19,20	12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18					
TW2DKQ	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
TWMNJP	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
TYFZHQ	PowerPlex® 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
TYQETZ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
TZKVV2	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
U3AJQ3	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
U3MPYJ	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
U83EY2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
U8HXJY	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
UBMC4J	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
UD4H3Z	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
UD9L6Q	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
UFWTD8	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
UG6FVZ	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
UGJQQY	GlobalFiler™ (TrueAllele)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
UH3M4K	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
UJBMET	PowerPlex® ESX17, HS16, HDplex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18					
UJUJTE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10				2
UL3YZK	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10				2
ULH6DN	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10				2
UMA4RM	PowerPlex® Fusion, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
UMUVPE	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10				2
UNP79Z	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	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 4 - STR Results						
UP2Q83	PowerPlex® Fusion 6C					
	11,16,3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
UQEAE7E	Investigator® 24plex					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
UQWTZ8	GlobalFiler™ (STRmix 2.8)					
	10,11,15,3,16,3	16,17,18	10,11,12	15,16,17	10,11,12	
4	9,10	14,15,16	13,14,15	18,19,20	11,12,13	8,9,10,11
	10,11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24,2,25,25,2,26,2,27, 27,2	6,7	7,8
	15,16,17,18	9,10			2	
UR3BX3	PowerPlex® Fusion (STRmix v2.7)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
URNRD6	PowerPlex® Fusion, GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10			2	
UUEQR4	PowerPlex® Fusion (STRMix)					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
UXHDE	GlobalFiler™					
	11,16,3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
UWFW6N	PowerPlex® Fusion 5C (STRmix V2.10)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18	10				
UWZ8U2	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
V3N63P	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
V4TGGY	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
V72JDV	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
V9TF2P	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,[13]	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
VD7NFU	Investigator® 24plex QS (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
VDL8ZQ	GlobalFiler™ (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
VDP3XY	GlobalFiler™ (TrueAllele)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
VEK4X2	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
VGLQCK	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
VGQNL2	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
VJCK2E	Investigator® 24plex					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
VK3L83	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
VLV8L9	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
VMQR99	PowerPlex® Fusion 6C System, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17	2	
VQBEA9	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
VT4PHV	PowerPlex® Fusion 6c					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
VTBYNR	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
W4TMMK	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
W6MZYW	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
W97ZCR	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
WAC4NA	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
WHDWXA	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
WJKNZH	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
WJMLLT	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
WLATWW	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
WPQ8CP	GlobalFiler™ (STRmix v2.4.06)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
WRJEW8	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
WTBA4V	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
WUQWU4	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
WVKMZM	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10				
WYG862	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
X23DXW	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
X2XMK7	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
X3DM4V	GlobalFiler™ (TrueAllele)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
X46DXU	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
X6JADU	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7,7	8,8
	16,18	10	18	17		
X78YBX	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
X7B9QR	PowerPlex® Fusion 5C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	10				
X8NXU6	GlobalFiler™ (STRmix 2.4)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
X9YUB3	PowerPlex® Fusion 5C, MiniFiler					
4	11,16.3	17,18	11,12	16,17	11,12	NA
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	NA	7	8
	16,18	10	NA	NA	NA	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
XBNX9F	GlobalFiler™, AmpFISTR® MiniFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
XE77H2	PowerPlex® Fusion, GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10			2	
XELJXX	PowerPlex® Fusion 6C (GeneMapper ID-X 1.5)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
XENR2W	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
XER8EW	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
XHM4WW	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
XKW9BK	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
XMGLZA	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
XRULWZ	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
XULT4X	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
XWJYXN	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	-
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	-	-	25,2,27,2	7,7	8,8
	16,18	10	-	-	2	
XWRB2T	GlobalFiler™ (STRmix v2.5)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
XYXEFW	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
XZJBUN	GlobalFiler™ (STRmix v2.4.06)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
Y4ZUEJ	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
Y6FDUN	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
Y6YV/MV	PowerPlex® Fusion 6C					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
Y6ZNMP	Investigator® 24plex QS					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
Y9DFK6	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
YAAMQ9	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
YCMYTJ	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	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 4 - STR Results						
YCWK6K						
		17,18		16,17	11,12	
4	10,10	15,16			12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21				7,7	8,8
	16,18					
YDTNLU	GlobalFiler™, MiniFiler					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	
YFZWZ7	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	NT
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	NT	NT	25.2,27.2	7	8
	16,18	10	NT	NT	2	
YME3XR	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7,7	8,8
	16,18	10	18	17		
YMGKVM	GlobalFiler™					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10			2	
YNQWHY	PowerPlex® Fusion					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18		7	8
	16,18	INC				
YPPNMY	PowerPlex® Fusion 6C (STRmix)					
	11,16.3	17,18	11,12	16,17	11,12	
4	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	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 4 - STR Results						
YQJAHB	PowerPlex® 21 (STRmix)					
4	11,16.3	17,18		16,17	11,12	17,19
	10,10	15,16		19,20	12,13	9,11
	11,17	12,13	30,31		X,Y	10,11
	20,21	10,12	15,18		7,7	8,8
	16,18					
YVE3AK	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25,2,27,2	7	8
	16,18	10	18	17		
YW7BAM	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
YZLBFA	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	10			2	
Z2UA39	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10				
Z4MUE9	GlobalFiler™ (STRmix v2.5)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25,2,27,2	7,7	8,8
	16,18	10			2	
Z7PATK	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25,2,27,2	7	8
	16,18	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						
Z9VYT9	VeriFiler Plus PCR amplification kit					
4	11,16.3 10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 15,18 18	16,17 19,20 15 25.2,27.2 17	11,12 12,13 X,Y 7 2	17,19 9,11 10,11 8
ZA76KW	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3 10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 15,18 18	16,17 19,20 15 25.2,27.2 17	11,12 12,13 X,Y 7 8	9,11 10,11
ZBKPC8	PowerPlex® Fusion 6C					
4	11,16.3 10,10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 15,18 18	16,17 19,20 15,15 25.2,27.2 17	11,12 12,13 X,Y 7,7 8,8	9,11 10,11
ZD8DN8	Investigator® 24plex					
4	11,16.3 10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 25.2,27.2 18	16,17 19,20 15 25.2,27.2 17	11,12 12,13 X,Y 7 8	9,11 10,11
ZGAK3C	GlobalFiler™					
4	11,16.3 10,10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 25.2,27.2 18	16,17 19,20 15,15 25.2,27.2 17	11,12 12,13 X,Y 7,7 2	9,11 10,11 8,8
ZH426E	Investigator® 24plex QS					
4	11,16.3 10,10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 25.2,27.2 18	16,17 19,20 15,15 25.2,27.2 17	11,12 12,13 X,Y 7,7 8,8	9,11 10,11
ZJE229	Investigator® 24plex QS					
4	11,16.3 10,10 11,17 20,21 16,18	17,18 15,16 12,13 10,12 10	11,12 14,15 30,31 25.2,27.2 18	16,17 19,20 15,15 25.2,27.2 17	11,12 12,13 X,Y 7,7 8,8	9,11 10,11

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4 - STR Results						
ZJVXU9	Investigator® 24plex					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21			25.2,27.2	7	8
	16,18	10				
ZL2RKK	PowerPlex® Fusion 5C					
4	11,16.3	17,[18]	11,12	16,17	11,12	
	10	15,16	14,15	19,[20]	12,13	9,11
	11,17	12,13	30,31	15	X,[Y]	10,11
	20,21	[10],12	15,18		7	8
	16,18	10				
ZMW2LU	PowerPlex® Fusion 6C (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	
	10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15	X,Y	10,11
	20,21	10,12	15,18	25.2,27.2	7	8
	16,18	10	18	17		
ZRRP32	Investigator® 24plex					
4	10,11,15.3,16.3	16,17,18	10,11,12	15,16,17	10,11,12	
	9,10	14,15,16	13,14,15	18,19,20	11,12,13	8,9,10,11
	11,16,17	11,12,13	29,30,31	14,15,16	X,Y	9,10,11
	19,20,21			24.2,25.2,26.2,27.2	6,7	7,8
	15,16,17,18	10				
ZV73RB	GlobalFiler™					
4	11,16.3	17,18	11,12	16,17	11,12	
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21			25.2,27.2	7,7	8,8
	16,18	10			2	
ZYKMQJ	GlobalFiler™ (STRmix)					
4	11,16.3	17,18	11,12	16,17	11,12	NT
	10,10	15,16	14,15	19,20	12,13	9,11
	11,17	12,13	30,31	15,15	X,Y	10,11
	20,21	NT	NT	25.2,27.2	7,7	8,8
	16,18	10	NT	NT	2	

YSTR Amplification Kit(s) & Results

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
2CNHAX	PowerPlex® Y 23								
2	14	11,14	14	31	24	11	13	13	
	14	12	13	19	16	16	21		
		13	11	18	18	23	10	12	
2HVE8W	PowerPlex® Y 23								
2	14	11,14	14	31	24	11	13	13	
	14	12	13	19	16	16	21		
		13	11	18	18	23	10	12	
2KZNV3	Yfiler™								
2	14	11,14	14	31	24	11	13	13	
	14	12	13	19	16	16			
					23				12
2LFNFR	Yfiler™ Plus								
2	33,36	14	11,14	14	31	24	11	13	13
	14	12	13	19	29	16	16	11	21
		37	13		18	18	21	23	12
324H33	Yfiler™ Plus								
2	33,36	14	11,14	14	31	24	11	13	13
	14	12	13	19	29	16	16	11	21
		37	13		18	18	21	23	12
32MEGM	PowerPlex® Y 23								
2	14	11,14	14	31	24	11	13	13	
	14	12	13	19	16	16	21		
		13	11	18	18	23	10	12	
398BLX	PowerPlex® Y 23								
2	14	11,14	14	31	24	11	13	13	
	14	12	13	19	16	16	21		
		13	11	18	18	23	10	12	
3B8LFC	Yfiler™ Plus								
2	33,36	14	11,14	14	31	24	11	13	13
	14	12	13	19	29	16	16	11	21
		37	13		18	18	21	23	12
3DV8ZM	PowerPlex® Y 23								
2	14	11,14	14	31	24	11	13	13	
	14	12	13	19	16	16	21		
		13	11	18	18	23	10	12	
3PCM3	Yfiler™ Plus								
2	33,36	14	11,14	14	31	24	11	13	13
	14	12	13	19	29	16	16	11	21
		37	13		18	18	21	23	12
3XZMJY	Yfiler™								
2	NA	14	11,14	14	31	24	11	13	13
	14	12	13	19	NA	16	16	NA	NA
		NA	NA	NA	NA	NA	23	NA	12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	
Item 2 - YSTR Results										
47UZ9Q	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
48ULVB	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	
4Q4GRN	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
4TPD82	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
4U62HN	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
6CKF93	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
6D7TMU	Yfiler™									
2	NA	14	11,14	14	31	24	11	13	13	
	14	12	13	19	NA	16	16	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA	12	
6EQMQV	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
6FJPH6	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
6HLZBT	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	
6QBYMK	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
6WL2NU	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	YGATAH4
Item 2 - YSTR Results										
734H2P	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
73LRT7	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
78FNHW	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
79T8F9	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
7AQW4	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
7HYPQW	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
7MEXEV	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
7U9PLJ	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
7WGQWX	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
8264JP	Yfiler™									
2	NA	14	11,14	14	31	24	11	13	13	
	14	12	13	19	NA	16	16	NA		NA
	NA	NA	NA	NA	NA	NA	23	NA		12
82PK2D										
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
83WZ9J	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	
	Item 2 - YSTR Results									
863KX6	PowerPlex® Y 23 System									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
8CULPJ	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
8FQA46	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
8K76YM	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
8UT7FX	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
8UTXXK	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
8WXUUM	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
8X97LK	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
8YJZBR	Yfiler™									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16				
						23			12	
8ZECXP	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
8ZJGPV	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
92NZZW	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS394	YGATAH4
Item 2 - YSTR Results										
9BDPWJ	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			
						23				12
9EA39T	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
9KF772	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
A3FCCB	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
A68TNP	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
A6ZERU	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
						23				12
A7JTKJ	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
ABCR2Z	PowerPlex® Y									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
AEBPAL	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
AHM6QH	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	
AMFNTV	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
AMYPHJ	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			21
		13	11	18	18		23	10	12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
ATN6BW	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
AUPCVH	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
B379MN	Yfiler™									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		23	
									12	
B4HMGP	Yfiler™									
2	N/A	14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16	N/A		N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A		12
BLHXZL	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
BW9QYH	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
C4FDZC	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
CBFYPR	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
CDRKQE	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13	-	18	18	21	23	-	12
CKQ2BR	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
CPL773	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
CTHPU2	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	
Item 2 - YSTR Results										
CUN2F2	Verogen MainStAY									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19				11	21	
		13	11	18	18		23	10	12,13	
CV7FFK	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
D73EJ7	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13	Not tested	18	18	21	23	Not tested	12	
DLVWJ2	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
DN66NF	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
DPCJUL	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
DVN8VH	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
DWDQLH	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
DWGQMN	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
DYNYZE	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
E4Z82J	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
E7XGLE	Yfiler™ Plus, PowerPlex® Y 23									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13	11	18	18	21	23	10	12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
EFMLUK	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
EGGCZZ	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
EMQFYE	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
EREQNXd	Yfiler™									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16				
						23			12	
EXNXE3	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
F8CJ9K	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
F97AEY	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
FDCLVQ	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
FUNE2N	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
FW9LZB	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	
G3G3HC	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
G62YXP	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19	16	16			21	
		13	11	18	18		23	10	12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS394	YGATAH4
Item 2 - YSTR Results										
G6HM9C	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
G9K79B	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
GARG3T	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
GBMM3E	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
GCYCHK	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			
							23			12
GE4VQD	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
GFEULM	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
GH4946	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
GPMCB8	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
GTNBUD	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
GUY97A	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
H2A3B3	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS394	YGATAH4
Item 2 - YSTR Results										
H9AMBC	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
H9B7NF	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
HNMX2K	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
HXB72F	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
HXEZUG	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
HXG9XF	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
HXTPV9	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
JBUUBY	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	18	21	23		12
JDFF3M	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
JN4QV8	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
JQQU9D	PowerPlex® Y 23 System									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
JV3F87	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
K93VW2	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
KFNE28	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
KJNQW8	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
KZBPQ8	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13	-	18	18	21	23	-	12	
KZBVGU	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
L29GW7	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
LCYX2T	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
LDYB4U	Yfiler™									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16			
							23		12	
LP9PPM	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
LPL8LD	Yfiler™									
2	NA	14	11,14	14	31	24	11	13	13	
	14	12	13	19	NA	16	16	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA	12	
M2V8UB	Yfiler™									
2	NA	14	11,14	14	31	24	11	13	13	
	14	12	13	19	NA	16	16	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA	12	
M6XYCP	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	

TABLE 3

WebCode	Amplification Kit																	
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4									
Item 2 - YSTR Results																		
MB23XG	PowerPlex® Y 23																	
2	14	11,14	14	31	24	11	13	13										
	14	12	13	19	16	16	21											
		13	11	18	18		23	10	12									
MK9MER	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13		18	21	23		12									
MP74T7	PowerPlex® Y 23																	
2	14	11,14	14	31	24	11	13	13										
	14	12	13	19	16	16	21											
		13	11	18	18		23	10	12									
MRDC7X	PowerPlex® Y 23																	
2	14	11,14	14	31	24	11	13	13										
	14	12	13	19	16	16	21											
		13	11	18	18		23	10	12									
MVTCCH	PowerPlex® Y 23																	
2	14	11,14	14	31	24	11	13	13										
	14	12	13	19	16	16	21											
		13	11	18	18		23	10	12									
N4WVM7	PowerPlex® Y 23																	
2	14	11,14	14	31	24	11	13	13										
	14	12	13	19	16	16	21											
		13	11	18	18		23	10	12									
NAPLK4	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13	18	18	21	23		12									
NH7FW6	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13	18	18	21	23		12									
NHDQ33	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13	18	18	21	23		12									
NWJJUE	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13	18	18	21	23		12									
P3KMH	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13	18	18	21	23		12									
P4UBLP	Yfiler™ Plus																	
2	33,36	14	11,14	14	31	24	11	13	13									
	14	12	13	19	29	16	16	11	21									
		37	13	18	18	21	23		12									

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS394	YGATAH4
Item 2 - YSTR Results										
P8FNDK	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
PA2R9R	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	
PAKNMC	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
PC8A8M	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
PHDW84	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
PMREPK	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	
PN47G2	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
PNNH8E	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12
PPRWCE	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	
PQCYBL	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
PRKKWV	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23			12
PWY9JD	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	
Item 2 - YSTR Results										
PZFG8D	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
Q3EFC3	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
Q3G29H	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
QLERGB	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
QNELY8	Yfiler™									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		23	
									12	
QRM7A8	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
QYW4RE	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
R2U4WM	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13	-	18	18	21	23	-	12	
R8KEEE	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
RCNGT2	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
REMEZ3	PowerPlex® Y 23									
2	14	11,14		14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
RGDF9C	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
RJ3XYB	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
RJHGJ9	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
										12
RZ29H9	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
										12
TAATTG	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
										12
TAUDDZ	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
TBKVFF	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
		13	11	18	18		23	10	12	
TE2AVA	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
										12
TGA3QE	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
		13	11	18	18		23	10	12	
TQVQKA	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
TR8FVZ	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
		13	11	18	18		23	10	12	
TRML94	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
		13	11	18	18		23	10	12	
TVW27G	Yfiler™ Plus (Y27)									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
TWMNJY	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
TYQETZ	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
TZKVV2	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
U3AJQ3	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
U8HXJY	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
UD4H3Z	Yfiler™ Plus, PowerPlex® Y 23									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13	11	18	18	21	23	10	12
UG6FVZ	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
UH3M4K	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
UJBMET	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
UL3YZK	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
ULH6DN	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
		37	13		18	18	21	23		12
UMA4RM	Yfiler™									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16		21	
							23		12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	YGATAH4
Item 2 - YSTR Results										
UNP79Z	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
UR3BX3	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
URNRD6	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
UWZ8U2	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
V4TGGY	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	21	23			12
VDP3XY	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	21	23			12
VGQNL2	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
VKLHJ3	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
VMQR99	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	21	23			12
VT4PHV	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12
VTBYNR	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11		21
		37	13		18	21	23			12
W4TMMK	PowerPlex® Y 23									
2	14	11,14	14	31	24	11	13	13		
	14	12	13	19		16	16			21
		13	11	18	18		23	10		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	YGATAH4
Item 2 - YSTR Results										
W6MZYW	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
WJMLLT	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
WLATWW	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
WRJEW8	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
WTBA4V	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
WUQWU4	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
X23DXW	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
X3DM4V	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
X7WVZA	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
X9YUB3	Yfiler™									
2	NA	14	11,14	14	31	24	11	13	13	
	14	12	13	19	NA	16	16	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA	12	
XBNX9F	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		23	
		13	11	18	18				12	
XE77H2	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	DYS481	
Item 2 - YSTR Results										
XELJXX	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
XMGLZA	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
XNR39L	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
XWRB2T	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
XYXEFW	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
Y6YVMV	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
Y9DFK6	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
YMGKVM	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
YZLBFA	Yfiler™									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16			
							23		12	
Z4MUE9	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	
Z7PATK	PowerPlex® Y 23									
2		14	11,14	14	31	24	11	13	13	
	14	12	13	19		16	16		21	
		13	11	18	18		23	10	12	
Z9VYT9	Yfiler™ Plus									
2	33,36	14	11,14	14	31	24	11	13	13	
	14	12	13	19	29	16	16	11	21	
	37	13		18	18	21	23		12	

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
ZA76KW	PowerPlex® Y 23								
2	14	11,14		14	31	24	11	13	13
	14	12	13	19		16	16		21
		13	11	18	18		23	10	12
ZMW2LU	PowerPlex® Y 23								
2	14	11,14		14	31	24	11	13	13
	14	12	13	19		16	16		21
		13	11	18	18		23	10	12

TABLE 3

WebCode	Amplification Kit																		
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4										
Item 3 - YSTR Results																			
2CNHAX	PowerPlex® Y 23										3								
3XZMJY	Yfiler™										3	NA	NA						
												NA	NA						
												NA	NA						
4U62HN	Yfiler™ Plus										3	-	-	-	-	-	-	-	-
												-	-	-	-	-	-	-	-
												-	-	-	-	-	-	-	-
6HLZBT	Yfiler™										3	NR	NR						
												NR	NR						
6WL2NU	Yfiler™										3	NR	NR						
												NR	NR						
79T8F9	Yfiler™ Plus										3								
8YJZBR	Yfiler™										3	NR	NR						
												NR	NR						
AMYPHJ	PowerPlex® Y 23										3								
ATN6BW	PowerPlex® Y 23										3								
B379MN	Yfiler™										3	NR	NR						
												NR	NR						
BLHXZL	PowerPlex® Y 23										3	-	-	-	-	-	-	-	-
												-	-	-	-	-	-	-	-
DWDQLH	PowerPlex® Y 23										3	-	-	-	-	-	-	-	-
												-	-	-	-	-	-	-	-

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		DYS518		
Item 3 - YSTR Results												
G9K79B	PowerPlex® Y 23											
3	NID	NID	NID	NID	NID	NID	NID	NID	NID	NID		
	NID	NID	NID	NID	NID	NID	NID	NID	NID	NID		
	NID	NID	NID	NID	NID	NID	NID	NID	NID	NID		
GFEULM	PowerPlex® Y 23											
3												
GH4946	PowerPlex® Y 23											
3	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.		
	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.	No Amp.		
	No Amp.	No Amp.	No Amp.	No Amp.	No Amplificación (No Amp.)		No Amp.	No Amp.	No Amp.	No Amp.		
HXEZUG	PowerPlex® Y 23											
3												
JQQU9D	PowerPlex® Y 23 System											
3	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-		
MB23XG	PowerPlex® Y											
3												
MP74T7	PowerPlex® Y 23											
3												
Q3EFC3	PowerPlex® Y 23											
3												
Q3G29H	Yfiler™ Plus											
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	ND	ND	ND		ND	ND	ND	ND	ND	ND		
QNELY8	Yfiler™											
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	NR	NR	NR		NR	NR	NR	NR	NR	NR		
RGDF9C	Yfiler™ Plus											
3	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-		
	-	-	-		-	-	-	-	-	-		

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									
RZ29H9	Yfiler™								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
TE2AVA	Yfiler™								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
TPPFED									
3	NT								
TRML94	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
URNRD6	PowerPlex® Y 23								
3									
XBNX9F	Yfiler™								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
XE77H2	PowerPlex® Y 23								
3									

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	DYS481	
Item 4 - YSTR Results										
2CNHAX	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
2HVE8W	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
2KZNV3	Yfiler™									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
						23			11	
2LFNFR	Yfiler™ Plus									
4	35,36	14	12,14		13	29	24	10	13	13
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
2U6LRH	Yfiler™ Plus									
4	35,36	14	12,14		13	29	24	10	13	13
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
324H33	Yfiler™ Plus									
4	35,36	14	12,14		13	29	24	10	13	13
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
32MEGM	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
398BLX	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
3B8LFC	Yfiler™ Plus									
4	35,36	14	12,14		13	29	24	10	13	13
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
3DV8ZM	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
3PCMC3	Yfiler™ Plus									
4	35,36	14	12,14		13	29	24	10	13	13
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
3XZMJY	Yfiler™									
4	NA	14	12,14		13	29	24	10	13	13
	15	12	12	19	NA	15	17	NA	NA	
		NA	NA	NA	NA	NA	NA	23	NA	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	DYS481	
Item 4 - YSTR Results										
47UZ9Q	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
48ULVB	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		23	11
4Q4GRN	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
4RFYBF	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
4TPD82	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
4U62HN	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
6CKF93	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
6D7TMU	Yfiler™									
4	NA	14	12,14	13	29	24	10	13	13	
	15	12	12	19	NA	15	17	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA	11	
6EQMQV	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
6FJPH6	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
6H6XPE	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
6HLZBT	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		23	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										
6QBYMK	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
6WL2NU	Yfiler™									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		23	11
734H2P	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
73LRT7	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
78FNHW	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
79T8F9	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
7AQWV4	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
7HYPQW	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
7MEXEV	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
7U9PLJ	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
7WGQWX	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
8264JP	Yfiler™									
4	NA	14	12,14	13	29	24	10	13	13	
	15	12	12	19	NA	15	17	NA	NA	
		NA	NA	NA	NA	NA	23	NA	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	DYS481	YGATAH4
Item 4 - YSTR Results										
82PK2D										
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
83WZ9J	PowerPlex® Y 23									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
863KX6	PowerPlex® Y 23 System									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
8CULPJ	Yfiler™ Plus									
	4	35,36	14	12,14	13	29	24	10	13	13
		15	12	12	19	29	15	17	10	22
			41	12	18	17	22	23		11
8FQA46	PowerPlex® Y 23									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
8K76YM	PowerPlex® Y 23									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
8LHGLE	Yfiler™ Plus									
	4	35,36	14	12,14	13	29	24	10	13	13
		15	12	12	19	29	15	17	10	22
			41	12	18	17	22	23		11
8UT7FX	PowerPlex® Y 23									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
8UTXXK	Yfiler™ Plus									
	4	35,36	14	12,14	13	29	24	10	13	13
		15	12	12	19	29	15	17	10	22
			41	12	18	17	22	23		11
8WXUUM	PowerPlex® Y 23									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17		22	
			12	13	18	17	23	10	11	
8X97LK	Yfiler™ Plus									
	4	35,36	14	12,14	13	29	24	10	13	13
		15	12	12	19	29	15	17	10	22
			41	12	18	17	22	23		11
8YJZBR	Yfiler™									
	4	14	12,14	13	29	24	10	13	13	
		15	12	12	19	15	17			
			12				23			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										
8ZECXP	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
8ZJGPV	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
92NZZW	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
99MMPB	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
9BDPWJ	Yfiler™									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
							23		11	
9EA39T	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
9KF772	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
A3FCCB	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
A68TNP	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
A6ZERU	Yfiler™									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
							23		11	
A7JTKJ	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
ABCR2Z										
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	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										
AEBPAL	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
AHM6QH	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
AMFNTV	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
AMYPHJ	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
ATN6BW	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
AUPCVH	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
B379MN	Yfiler™									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
								23		11
B4HMGP	Yfiler™									
4	N/A	14	12,14	13	29	24	10	13	13	
	15	12	12	19	N/A	15	17	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A		11
B92VQA	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
BLHXZL	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
BW9QYH	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
C4FDZC	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		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										
CBFYPR	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
CDRKQE	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12	-	18	17	22	23	-	11	
CKQ2BR	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
CPL773	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
CTHPU2	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
CUN2F2	Argus Y-12									
4		14	12,14	13	29	24	10	13	13	
	15	12	12						22	
			13							
CV7FFK	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
D73EJ7	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12	Not tested	18	17	22	23	Not tested	11	
DLVWJ2	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
DN66NF	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		11	
DPCJUL										
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
DVN8VH	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23		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	DYS394	YGATAH4
Item 4 - YSTR Results										
DWDQLH	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
DWGQMN	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
DYNYZE	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
E4Z82J	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
E7XGLE	Yfiler™ Plus, PowerPlex® Y 23									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12	13	18	17	22	23	10	11
EFMLUK	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
EGGCZZ	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
EMQFYE	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
EREQNX	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23		11	
EXNXE3	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
F8CJ9K	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
F97AEY	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	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										
FDCLVQ	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
FUNE2N	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
FW9LZB	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
G3G3HC	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
G62YXP	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
G6HM9C	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
G9K79B	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
GARG3T	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
GBMM3E	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
GCYCHK	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
GE4VQD	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
GFEULM	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		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	DYS481	
Item 4 - YSTR Results										
GH4946	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
GPMCB8	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
GTNBUD	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
GUY97A	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
H9AMBC	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
H9B7NF	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
HNMX2K	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
HXB72F	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
HXCDD4	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
HXEZUG	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
HXG9XF	PowerPlex® Y 23									
4	14	12,14	13	29	24	10	13	13		
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
HXTPV9	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		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										
JBUUBY	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
JDFF3M	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
JN4QV8	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
JQQU9D	PowerPlex® Y 23 System									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
JV3F87	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
K93VW2										
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
KFNE28	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
KJNQW8	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
KZBPGQ8	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12	-	18	17	22	23	-		11
KZBVGU	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
L29GW7	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
LCYX2T	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	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	DYS481	
Item 4 - YSTR Results										
LDYB4U	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			11
						23				
LP9PPM	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
LPL8LD	Yfiler™									
4	NA	14	12,14	13	29	24	10	13	13	
	15	12	12	19	NA	15	17	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA		11
LXKNJX	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
M2V8UB	Yfiler™									
4	NA	14	12,14	13	29	24	10	13	13	
	15	12	12	19	NA	15	17	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA		11
M6XYCP	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
MB23XG	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
MK9MER	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
MP74T7	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
MRDC7X	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
MVTCCH	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
N4WVM7	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		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										
NAPLK4	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
NH7FW6	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
NHDQ33	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
NWJJUE	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
P3KMHJ	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
P4UBLP	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
P8FNDK	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
		12	13	18	17		23	10	11	
PA2R9R	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
PAKNMC	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
PC8A8M	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
		12	13	18	17		23	10	11	
PHDW84	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
PMREPK	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			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	DYS393	YGATAH4
Item 4 - YSTR Results										
PN47G2	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
PNNH8E	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
PPRWCE	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			11
							23			
PQCYBL	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
PRKKWV	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
PWY9JD	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
PZFG8D	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
Q3EFC3	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
Q3G29H	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
QLERGB	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
QNELY8	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			11
							23			
QRM7A8	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			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										
QYW4RE	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
R2U4WM	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12	-	18	17	22	23	-		11
R8KEEE	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
RCNGT2	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
REMEZ3	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
RGDF9C	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
RJ3XYB	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
RJHGJ9	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
RZ29H9	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
TAATTG	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
TAUDDZ	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
TBKVFF	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		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	DYS394	YGATAH4
Item 4 - YSTR Results										
TE2AVA	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			11
						23				
TGA3QE	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
		12	13	18	17		23	10	11	
TQVQKA	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
TR8FVZ	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
			12	13	18	17		23	10	11
TRML94	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
			12	13	18	17		23	10	11
TVW27G	Yfiler™ Plus (Y27)									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
TWMNJY	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
			12	13	18	17		23	10	11
TYQETZ	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
TZKVV2	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
			12	13	18	17		23	10	11
U3AJQ3	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			22
			12	13	18	17		23	10	11
U8HXJY	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
UD4H3Z	Yfiler™ Plus, PowerPlex® Y 23									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23	10	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	DYS394	YGATAH4
Item 4 - YSTR Results										
UG6FVZ	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10		11
UH3M4K	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10		22
		41	12		18	17	22	23		11
UJBMET	Yfiler™ Plus									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
UL3YZK	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10		22
		41	12		18	17	22	23		11
ULH6DN	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10		22
		41	12		18	17	22	23		11
UMA4RM	Yfiler™									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
UNP79Z	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
			12	13	18	17		23	10	11
UR3BX3	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
			12	13	18	17		23	10	11
URNRD6	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
			12	13	18	17		23	10	11
UWZ8U2	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17			
			12	13	18	17		23	10	11
V4TGGY	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10		22
		41	12		18	17	22	23		11
VDP3XY	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10		22
		41	12		18	17	22	23		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	DYS481	
Item 4 - YSTR Results										
VGQNL2	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
VKLHJ3	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
		12	13	18	17		23	10	11	
VMQR99	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
VT4PHV	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
VTBYNR	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
W4TMMK	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
W6MZYW	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
WJMLLT	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
WLATWW	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
		41	12		18	17	22	23		11
WRJEW8	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
WTBA4V	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	11
WUQWU4	PowerPlex® Y 23									
4	14	12,14		13	29	24	10	13	13	
	15	12	12	19		15	17		22	
			12	13	18	17		23	10	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	DYS481	YGATAH4
Item 4 - YSTR Results										
X23DXW	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
X3DM4V	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
X9YUB3	Yfiler™									
4	NA	14	12,14	13	29	24	10	13	13	
	15	12	12	19	NA	15	17	NA	NA	
	NA	NA	NA	NA	NA	NA	23	NA		11
XBNX9F	Yfiler™									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
							23			11
XE77H2	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
		12	13	18	17		23	10		11
XELJXX	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
XMGLZA	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
XNR39L	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
		12	13	18	17		23	10		11
XWRB2T	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
XYXEFW	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			11
Y6YVMV	PowerPlex® Y 23									
4		14	12,14	13	29	24	10	13	13	
	15	12	12	19		15	17			
		12	13	18	17		23	10		11
Y9DFK6	Yfiler™ Plus									
4	35,36	14	12,14	13	29	24	10	13	13	
	15	12	12	19	29	15	17	10	22	
	41	12		18	17	22	23			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										
YCWK6K										
	4	35,36	14	12,14	13	29	24	10	13	
		15	12	12	19	29	15	17	10	
			41	12		18	17	22	22	
							23		11	
YMGKVM		Yfiler™ Plus								
	4	35,36	14	12,14	13	29	24	10	13	
		15	12	12	19	29	15	17	10	
			41	12		18	17	22	22	
							23		11	
YZLBFA		Yfiler™								
	4		14	12,14	13	29	24	10	13	
		15	12	12	19		15	17		
								23	11	
Z4MUE9		Yfiler™ Plus								
	4	35,36	14	12,14	13	29	24	10	13	
		15	12	12	19	29	15	17	10	
			41	12		18	17	22	22	
								23	11	
Z7PATK		PowerPlex® Y 23								
	4		14	12,14	13	29	24	10	13	
		15	12	12	19		15	17	22	
				12	13	18	17	23	10	
									11	
Z9VYT9		Yfiler™ Plus								
	4	35,36	14	12,14	13	29	24	10	13	
		15	12	12	19	29	15	17	10	
			41	12		18	17	22	22	
								23	11	
ZA76KW		PowerPlex® Y 23								
	4		14	12,14	13	29	24	10	13	
		15	12	12	19		15	17	22	
				12	13	18	17	23	10	
									11	
ZMW2LU		PowerPlex® Y 23								
	4		14	12,14	13	29	24	10	13	
		15	12	12	19		15	17	22	
				12	13	18	17	23	10	
									11	

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D10S2325	UJBMET	7,10	12,14	7,10			12,13		
D21S2055	UJBMET	32,35	19,1,26	32,35			20,1,33		
D2S1360	UJBMET	19,24	23,28	19,24			22,25		
D3S1744	UJBMET	16,20	14,18	16,20			17		
D4S2366	UJBMET	9,11	12,13	9,11			9,12		
D5S2500	UJBMET	12,13	11	12,13			13,15		
D6S474	UJBMET	14,17	14,16	14,17			13,16		
D7S1517	UJBMET	21,24	19,22	21,24			19,25		
D8S1132	UJBMET	16,22	18,19	16,22			21		
F13A01	TBKVFF	5,6	3,2,7	5,6			3,2,4		
F13B	TBKVFF	6,7	8,10	6,7			8,8		
FESFPS	TBKVFF	8,11	10,12	8,11			11,12		
LPL	TBKVFF	9,10	11,13	9,10			11,13		
PENTA C	TBKVFF	8,14	11,12	8,14			9,13		
QS1	92MCA6	Q	Q	Q			Q		
QS2	92MCA6	S	S	S			S		
RS10495407	EFMLUK		G						
	F8CJ9K		G						
	W6MZYW		G						
	WUQWU4		G						
RS1294331	EFMLUK		A,G						
	F8CJ9K		A,G						
	W6MZYW		A,G						
	WUQWU4		A,G						
RS1490413	EFMLUK		A,G						
	F8CJ9K		A,G						
	W6MZYW		A,G						

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
RS1490413 cont'd	WUQWU4			A,G					
RS560681	EFMLUK		A,G						
	F8CJ9K		A,G						
	W6MZYW		A,G						
	WUQWU4		A,G						
RS891700	EFMLUK		A,G						
	F8CJ9K		A,G						
	W6MZYW		A,G						
	WUQWU4		A,G						

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1
Polymorphisms from Reference Sequence

	16114.0	16129.0	16212.0	16213.0	16223.0	16278.0	16390.0
ITEM 1							
7R9GG9	A	A	G	A	T	T	A
863KX6	A	A	G	A	T	T	A
9KF772	A	A	G	A	T	T	
9WRHC4	A	A	G	A	T	T	A
B4HMGP	A	A	G	A	T	T	A
BY63A4	A	A	G	A	T	T	A
DWDQLH	A	A	G	A	T	T	A
GH4946	A	A	G	A	T	T	A
KGF7PT	A	A	G	A	T	T	A
N4WVM7	A	A	G	A	T	T	
NWJJUE	A	A	G	A	T	T	
PC8A8M	A	A	G	A	T	T	A
QYW4RE	A	A	G	A	T	T	
R2U4WM	A	A	G	A	T	T	
R684RG	A	A	G	A	T	T	
RGDF9C	A	A	G	A	T	T	
RJ22RL	A	A	G	A	T	T	A
TVW27G	A	A	G	A	T	T	
UQ9EMM	A	A	G	A	T	T	A
X3WK6A	A	A	G	A	T	T	A
X7WVZA	A	A	G	A	T	T	A
Y9DFK6	A	A	G	A	T	T	

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

	16093.0	16124.0	16223.0	16519.0
ITEM 2				
7R9GG9	C	C	T	
863KX6	C	C	T	
9KF772	C	C	T	
9WRHC4	C	C	T	
B4HMGP	C	C	T	
BY63A4	C	C	T	
DWDQLH	C	C	T	
GH4946	C	C	T	C
KGF7PT	C	C	T	C
N4WVM7	C	C	T	
NWJJUE	C	C	T	
PC8A8M	C	C	T	C
QYW4RE	C	C	T	
R2U4WM	C	C	T	
R684RG	C	C	T	
RGDF9C	C	C	T	
RJ22RL	C	C	T	C
TVW27G	C	C	T	
UQ9EMM	C	C	T	
X3WK6A	C	C	T	C
X7WVZA	C	C	T	C
Y9DFK6	C	C	T	

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16114.0	16123.0	16129.0	16212.0	16213.0	16223.0	16278.0	16390.0
ITEM 3								
863KX6	A		A	G	A	T	T	A
9KF772	A		A	G	A	T	T	
9WRHC4	A		A	G	A	T	T	A
B4HMGP	A		A	G	A	T	T	A
DWDQLH	A		A	G	A	T	T	A
GH4946	A		A	G	A	T	T	A
KGF7PT	A		A	G	A	T	T	A
N4WVM7	A	A	A	G		T	T	
NWJJUE	A		A	G	A	T	T	
PC8A8M	A		A	G	A	T	T	A
QYW4RE	A		A	G	A	T	T	
R2U4WM	A		A	G	A	T	T	
R684RG	A		A	G	A	T	T	
RGDF9C	A		A	G	A	T	T	
RJ22RL	A		A	G	A	T	T	A
UQ9EMM	A		A	G	A	T	T	A
X3WK6A	A		A	G	A	T	T	
X7WVZA	A		A	G	A	T	T	
Y9DFK6	A		A	G	A	T	T	

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	16124.0	16223.0	16278.0	16362.0	16519.0
ITEM 4					
863KX6	C	T	T	C	
9KF772	C	T	T	C	
9WRHC4	C	T	T	C	
B4HMGP	C	T	T	C	
DWDQLH	C	T	T	C	
GH4946	C	T	T	C	C
KGF7PT	C	T	T	C	C
N4WVM7	C	T	T	C	
NWJJUE	C	T	T	C	
PC8A8M	C	T	T	C	C
QYW4RE	C	T	T	C	
R2U4WM	C	T	T	C	
R684RG	C	T	T	C	
RGDF9C	C	T	T	C	
RJ22RL	C	T	T	C	
UQ9EMM	C	T	T	C	
X3WK6A	C	T	T	C	
X7WVZA	C	T	T	C	
Y9DFK6	C	T	T	C	

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
7R9GG9	15998-16400	15998-16400		
863KX6	16024-16391	16024-16391	16024-16391	16024-16391
9KF772	16024-16365	16024-16365	16024-16365	16024-16365
9WRHC4	16024-16391	16024-16391	16024-16391	16024-16391
B4HMGP	15998-16390	16001-16371	16011-16390	16001-16387
BY63A4	15998-16400	15998-16400		
DWDQLH	16000-16390	16000-16390	16000-16390	16000-16390
GH4946	16008-16569	16008-16569	16008-16569	16008-16569
KGF7PT	16024-16569	16024-16569	16024-16569	16024-16545
N4WVM7	16024-16365	16024-16365	16024-16365	16024-16365
NWJJUE	16024-16365	16024-16365	16024-16365	16024-16365
PC8A8M	16024-16569	16024-16569	16024-16569	16024-16569
QYW4RE	16024-16365	16024-16365	16024-16365	16024-16365
R2U4WM	350	350	350	350
R684RG	16024-16365	16024-16365	16024-16365	16024-16365
RGDF9C	16024-16365	16024-16365	16024-16365	16024-16365
RJ22RL	16024-16569	16024-16569	16024-16391	16024-16391
TVW27G	16024-16365	16024-16365	Not Tested	Not Tested
UQ9EMM	16024-16391	16024-16391	16024-16391	16024-16391
X3WK6A	15998-16569	15998-16569	16003-16380	16001-16380
X7WVZA	15998-16569	15998-16569	16005-16377	16003-16380
Y9DFK6	16024-16365	16024-16365	16024-16365	16024-16365

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	146.0	150.0	152.0	182.0	195.0	198.0	204.0	207.0	263.0	315.0	315.1
ITEM 1												
7R9GG9	G	C	T	C	T	C	T	C	A	G		C
863KX6	G	C	T	C	T	C	T	C	A	G		C
9KF772	G	C	T	C	T	C	T	C	A	G		C
9WRHC4	G	C	T	C	T	C	T	C	A	G		
B4HMGP	G	C	T	C	T	C	T	C	A	G		C
BY63A4	G	C	T	C	T	C	T	C	A	G		C
DWDQLH	G	C	T	C	T	C	T	C	A	G		C
GH4946	G	C	T	C	T	C	T	C	A	G		C
KGF7PT	G	C	T	C	T	C	T	C	A	G		
N4WVM7	G	C	T	C	T	C	T	C	A	G		C
NWJJUE	G	C	T	C	T	C	T	C	A	G		C
PC8A8M	G	C	T	C	T	C	T	C	A	G		C
QYW4RE	G	C	T	C	T	C	T	C	A	G		C
R2U4WM	G	C	T	C	T	C	T	C	A	G	C	
R684RG	G	C	T	C	T	C	T	C	A	G		C
RGDF9C	G	C	T	C	T	C	T	C	A	G		C
RJ22RL	G	C	T	C	T	C	T	C	A	G		
TVW27G	G	C	T	C	T	C	T	C	A	G		C
UQ9EMM	G	C	T	C	T	C	T	C	A	G		
X3WK6A	G	C	T	C	T	C	T	C	A	G		C
X7WVZA	G	C	T	C	T	C	T	C	A	G		C
Y9DFK6	G	C	T	C	T	C	T	C	A	G		C

TABLE 6a - ITEM 2
Polymorphisms from Reference Sequence

ITEM 2	73.0	146.0	152.0	263.0	315.0	315.1	523.0	524.0
7R9GG9	G	C	C	G		C		
863KX6	G	C	C	G		C		
9KF772	G	C	C	G		C		
9WRHC4	G	C	C	G				
B4HMGP	G	C	C	G		C		
BY63A4	G	C	C	G		C		
DWDQLH	G	C	C	G		C		
GH4946	G	C	C	G		C	DEL	DEL
KGF7PT	G	C	C	G			A del	C del
N4WVM7	G	C	C	G		C		
NWJJUE	G	C	C	G		C		
PC8A8M	G	C	C	G		C		
QYW4RE	G	C	C	G		C		
R2U4WM	G	C	C	G	C			
R684RG	G	C	C	G		C		
RGDF9C	G	C	C	G		C		
RJ22RL	G	C	C	G			-	-
TVW27G	G	C	C	G		C		
UQ9EMM	G	C	C	G				
X3WK6A	G	C	C	G		C	D	D
X7WVZA	G	C	C	G		C	D	D
Y9DFK6	G	C	C	G		C		

TABLE 6a - ITEM 3
Polymorphisms from Reference Sequence

	73.0	146.0	150.0	152.0	182.0	195.0	198.0	204.0	207.0	263.0	315.0	315.1
ITEM 3												
863KX6	G	C	T	C	T	C	T	C	A	G		C
9KF772	G	C	T	C	T	C	T	C	A	G		C
9WRHC4	G	C	T	C	T	C	T	C	A	G		
B4HMGP	G	C	T	C	T	C	T	C	A	G		C
DWDQLH	G	C	T	C	T	C	T	C	A	G		C
GH4946	G	C	T	C	T	C	T	C	A	G		C
KGF7PT	G	C	T	C	T	C	T	C	A	G		
N4WVM7	G	C	T	C	T	C	T	C	A	G		C
NWJJUE	G	C	T	C	T	C	T	C	A	G		C
PC8A8M	G	C	T	C	T	C	T	C	A	G		C
QYW4RE	G	C	T	C	T	C	T	C	A	G		C
R2U4WM	G	C	T	C	T	C	T	C	A	G	C	
R684RG	G	C	T	C	T	C	T	C	A	G		C
RGDF9C	G	C	T	C	T	C	T	C	A	G		C
RJ22RL	G	C	T	C	T	C	T	C	A	G		
UQ9EMM	G	C	T	C	T	C	T	C	A	G		
X3WK6A	G	C	T	C	T	C	T	C	A	G		C
X7WVZA	G	C	T	C	T	C	T	C	A	G		C
Y9DFK6	G	C	T	C	T	C	T	C	A	G		C

TABLE 6a - ITEM 4
Polymorphisms from Reference Sequence

	73.0	195.0	263.0	315.0	315.1	521.0	522.0	523.0	524.0
ITEM 4									
863KX6	G	C	G		C				
9KF772	G	C	G		C				
9WRHC4	G	C	G						
B4HMGP	G	C	G		C				
DWDQLH	G	C	G		C				
GH4946	G	C	G		C	DEL	DEL	DEL	DEL
KGF7PT	G	C	G			A del	C del	A del	C del
N4WVM7	G	C	G		C				
NWJJUE	G	C	G		C				
PC8A8M	G	C	G		C				
QYW4RE	G	C	G		C				
R2U4WM	G	C	G	C					
R684RG	G	C	G		C				
RGDF9C	G	C	G		C				
RJ22RL	G	C	G						
UQ9EMM	G	C	G						
X3WK6A	G	C	G		C				
X7WVZA	G	C	G		C				
Y9DFK6	G	C	G		C				

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
7R9GG9	30-407	30-407		
863KX6	35-369	35-369	35-369	35-369
9KF772	73-340	73-340	73-340	73-340
9WRHC4	35-302, 316-369	35-302, 316-369	35-302, 316-369	35-302, 316-369
B4HMGP	49-403	65-382	63-393	50-401
BY63A4	30-407	30-407		
DWDQLH	45-390	45-390	45-390	45-390
GH4946	1-595	1-595	1-595	1-595
KGF7PT	1-302, 316-576	1-302, 316-576	1-302, 316-576	53-302, 316-567
N4WVM7	73-340	73-340	73-340	73-340
NWJJUE	73-340	73-340	73-340	73-340
PC8A8M	50-369	50-369	50-369	50-369
QYW4RE	73-340	73-340	73-340	73-340
R2U4WM	350	350	350	350
R684RG	73-340	73-340	73-340	73-340
RGDF9C	73-340	73-340	73-340	73-340
RJ22RL	1-302, 316-576	1-302, 316-553	35-302, 316-369	35-302, 316-369
TVW27G	73-340	73-340	Not Tested	Not Tested
UQ9EMM	35-302, 316-464	35-302, 316-464	35-302, 316-464	35-302, 316-464
X3WK6A	1-540	1-540	35-369	35-369
X7WVZA	1-538	1-538	35-369	35-369
Y9DFK6	73-340	73-340	73-214, 262-340	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
23H73M	Yes	No	No	No	3JLGAL	Yes	No	No	No
23JBTC	Yes	No	No	No	3JPK3G	Yes	No	No	No
24G3ZX	Yes	No	No	No	3LVZH2	Yes	No	No	No
26UH8J	Yes	No	No	No	3NMW8U	Yes	No	No	No
2CNHAX	Yes	No	No	No	3NZ6W4	Yes	No	No	No
2GZFRR	Yes	No	No	No	3PCMC3	Yes	No	No	No
2HVE8W	Yes	No	No	No	3TDQ4P	Yes	No	No	No
2KZNV3	Yes	No	No	No	3TQDEU	Yes	No	No	No
2LFNFR	Yes	No	No	No	3XZMJY	Yes	No	No	No
2R3NGQ	Yes	No	No	No	3Y3XEM	Yes	No	No	No
2RMR6B	Yes	No	No	No	3YHLPA	Yes	No	No	No
2TZHEF	Yes	No	No	No	44ABPE	No Interp	No Interp	No Interp	No Interp
2U6LRH	Yes	No	No	No	4642VT	Yes	No	No	No
2W2BLT	No Interpretations Reported, DNA Analyzed for Database purposes only.				47UZ9Q	Yes	No	No	No
2ZGZP3	Yes	No	No	No	48ULVB	Yes	No	No	No
324H33	Yes	No	No	No	49LHK6	Yes	No	No	No
32MEGM	Yes	No	No	No	4AV7LC	Yes	No	No	No
33X7MJ	Yes	No	No	No	4B97W6	Yes	No	No	No
34ERGY	Yes	No	No	No	4BPU7R	Yes	No	No	No
37FEX4	Yes	No	No	No	4E79LL	Yes	No	No	No
392QME	Yes	No	No	No	4JJKME	Yes	No	No	No
398BLX	Yes	No	No	No	4JKW94	Yes	No	No	No
3AGM2E	Yes	No	No	No	4JM3MX	Yes	No	No	No
3B8LFC	Yes	No	No	No	4PNWLE	Yes	No	No	No
3DV8ZM	No Interpretations Reported, DNA Analyzed for Database purposes only.				4Q4GRN	Yes	No	No	No
3FL4XU	Yes	No	No	No	4RFYBF	Yes	No	No	No
3FM3PG	Yes	No	No	No	4RV6NJ	Yes	No	No	No
3HCTBZ	Yes	No	No	No	4T6VPD	Yes	No	No	No
3JK6QG	Yes	No	No	No	4TPD82	No Interp	No Interp	No Interp	No Interp
					4U62HN	Yes	No	No	No

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
4UHXL8	Yes	No	No	No	7HYPQW	No Interp	No Interp	No Interp	No
4WAUA2	Yes	No	No	No	7MEXEV	Yes	No	No	No
4YGKQA	Yes	No	No	No	7N8LLD	No Interp	No Interp	No Interp	No Interp
4YYJUZ	Yes	No	No	No	7R9GG9	No Interp	No Interp	No Interp	No Interp
4ZBFY6	Yes	No	No	No	7RLNG2	Yes	No	No	No
4ZC3PQ	Yes	No	No	No	7U9PLJ	Yes	No	No	No
6AECL2	Yes	No	No	No	7UBAGY	Yes	No	No	No
6CKF93	Yes	No	No	No	7UF9T2	Yes	No	No	No
6CXLCE	Yes	No	No	No	7WGWQX	Yes	No	No	No
6D7TMU	Yes	No	No	No	7WK6UV	Yes	No	No	No
6EQMQV	Yes	No	No	No	8264JP	Yes	No	No	No
6FCPAN	Yes	No	No	No	8272UL	Yes	No	No	No
6FJPH6	Yes	No	No	No	82PK2D	Yes	No	No	No
6H6XPE	Yes	No	No	No	83WZ9J	Yes	No	No	No
6HLZBT	No Interp	No Interp	No Interp	No	863KX6	Yes	No	No	No
6K9NXE	Yes	No	No	No	86MA4P	Yes	No	No	No
6PQFZM	Yes	No	No	No	872L7H	Yes	No	No	No
6PY9CV	Yes	No	No	No	8C82UK	Yes	No	No	No
6QBYMK	Yes	No	No	No	8CULPJ	Yes	No	No	No
6RDWBF	Yes	No	No	No	8F6WFT	Yes	No	No	No
6WL2NU	No Interp	No Interp	No Interp	No	8FQA46	Yes	No	No	No
6XJJAB	Yes	No	No	No	8K76YM	Yes	No	No	No
6Z6FPN	No Interpretations Reported, DNA Analyzed for Database purposes only.				8LHGLE	Yes	No	No	No
72D3HM	No Interp	No Interp	No Interp	No Interp	8M637N	Yes	No	No	No
734H2P	Yes	No	No	No	8PW2KM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
73LRT7	Yes	No	No	No	8Q8KKP	Yes	No	No	No
76DMGY	Yes	No	No	No	8QA3RZ	Yes	No	No	No
78FNHW	Yes	No	No	No	8QTPTA	Yes	No	No	No
79T8F9	No Interp	No Interp	No Interp	No	8QUSTR8	Yes	No	No	No
7AQVV4	Yes	No	No	No	8UT7FX	No Interp	No Interp	No Interp	No
7BHUA3	Yes	No	No	No	8UTXXK	Yes	No	No	No
7CR29N	Yes	No	No	No	8WJHZN	Yes	No	No	No

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
8WXUUM	Yes	No	No	No	9WRHC4	Yes	No	No	No
8X97LK	Yes	No	No	No	9ZLLZM	Yes	No	No	No
8Y7J67	Yes	No	No	No	A224WV	Yes	No	No	No
8YJZBR	No Interp	No Interp	No Interp	No	A3FCCB	Yes	No	No	No
8ZECXP	Yes	No	No	No	A62TE9	Yes	No	No	No
8ZJGPV	No Interp	No Interp	No Interp	No	A68TNP	No Interp	No Interp	No Interp	No
928CPA	Yes	No	No	No	A6ZERU	Yes	No	No	No
92MCA6	Yes	No	No	No	A7JTKJ	Yes	No	No	No
92NTHG	Yes	No	No	No	A9NKCW	Yes	No	No	No
92NZZW	Yes	No	No	No	ABCR2Z	Yes	No	No	No
94DWEU	Yes	No	No	No	ABPZQ9	Yes	No	No	No
94W96A					ADXXFJ	Yes	No	No	No
96NYY9	Yes	No	No	No	AEBPAL	Yes	No	No	No
97JR78	Yes	No	No	No	AHM6QH	Yes	No	No	No
99MMPB	Yes	No	No	No	AMFNTV	Yes	No	No	No
99RKYR	Yes	No	No	No	AMYPHJ	Yes	No	No	No
9BDPWJ	Yes	No	No	No	APNUGH	Yes	No	No	No
9DMEWT	Yes	No	No	No	AQ4RNT	Yes	No	No	No
9EA39T	Yes	No	No	No	ATN6BW	Yes	No	No	No
9EDZQY	Yes	No	No	No	AUMTN7	Yes	No	No	No
9G3MKR	Yes	No	No	No	AUPCVH	Yes	No	No	No
9GE74J	Yes	No	No	No	B379MN	No Interp	No Interp	No Interp	No
9JNBG8	Yes	No	No	No	B4HMGP	Yes	No	No	No
9KF772	Yes	No	No	No	B7U2ZX	Yes	No	No	No
9MKLQL	No Interpretations Reported, DNA Analyzed for Database purposes only.				B89FFJ	Yes	No	No	No
9NKFCH	Yes	No	No	No	B92VQA	Yes	No	No	No
9PCT2B	Yes	No	No	No	BAUCVW	Yes	No	No	No
9QU7Y2	Yes	No	No	No	BCVYAG	Yes	No	No	No
9TDU28	No Interp	No Interp	No Interp	No Interp	BDAKJW	Yes	No	No	No
9TDYEV	Yes	No	No	No	BE8X3H	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9URLCV	Yes	No	No	No	BGGTWM	No Interp	No Interp	No Interp	No Interp
9W8TCW	Yes	No	No	No	BJFDC8	Yes	No	No	No

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
BL4JKP	Yes	No	No	No	CUALJV	Yes	No	No	No
BLHXZL	Yes	No	No	No	CUN2F2	Yes	No	No	No
BTFP9F	Yes	No	No	No	CV7FFK	Yes	No	No	No
BUGDX7	Yes	No	No	No	CY3RUQ	Yes	No	No	Inc
BVRN2H	No Interpretations Reported, DNA Analyzed for Database purposes only.				CYABYN	Yes	No	No	No
BW9QYH	Yes	No	No	No	CZJZM7	Yes	No	No	No
BXDKA9	Yes	No	No	No	D2PN2H	Yes	No	No	No
BY63A4	No Interp	No Interp	No Interp	No Interp	D4VAR3	Yes	No	No	No
BYPU8U	Yes	No	No	No	D73EJ7	Yes	No	No	No
BZ9F7C	Yes	No	No	No	DALXNE	Yes	No	No	No
C2UCUA	Yes	No	No	No	DBCPHR	Yes	No	No	No
C46W3J	Yes	No	No	No	DBW9G8	Yes	No	No	No
C4FDZC	Yes	No	No	No	DDNXNC	No Interp	No Interp	No Interp	No Interp
C4XC7M	Yes	No	No	No	DEB2DR	Yes	No	No	No
C6TZKC	Yes	No	No	No	DHU9FH	Yes	No	No	No
C7TGWU	Yes	No	No	No	DJAWEK	Yes	No	No	No
C82F84	Yes	No	No	No	DK3THK	Yes	No	No	No
CAN96R	Yes	No	No	No	DKMEBB	Yes	No	No	No
CBFYPR	Yes	No	No	No	DLWJ2	Yes	No	No	No
CBZQMH	Yes	No	No	No	DN66NF	Yes	No	No	No
CDLVDL	Yes	No	No	No	DPCJUL	Yes	No	No	No
CDRKQE	Yes	No	No	No	DQ88AB	Yes	No	No	No
CEDF67	Yes	No	No	No	DQVRFN	Yes	No	No	No
CJYJBW	No Interp	No Interp	No Interp	No Interp	DTKV9V	Yes	No	No	No
CKQ2BR	Yes	No	No	No	DTWC7N	Yes	No	No	No
CN9ALD	Yes	No	No	No	DVN8VH	Yes	No	No	No
CNMVWZ	Yes	No	No	No	DWDQLH	Yes	No	No	No
CP3HN8	Yes	No	No	No	DWGQMN	No Interp	No Interp	No Interp	No
CPL773	Yes	No	No	No	DYNYZE	Yes	No	No	No
CPZ6A8	Yes	No	No	No	DZAHFJ	Yes	No	No	No
CQEUBY	Yes	No	No	No	E47H8G	Yes	No	No	No
CTHPU2	Yes	No	No	No	E4YAQN	Yes	No	No	No
					E4Z82J	Yes	No	No	No

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
E7XGLE	Yes	No	No	No	G2FC4G	Yes	No	No	No
E7YPQY	Yes	No	No	No	G3G3HC	Yes	No	No	No
E8V8QE	Yes	No	No	No	G3RK23	Yes	No	No	No
EAL89J	Yes	No	No	No	G62YXP	No Interp	No Interp	No Interp	No Interp
EEURTB	No Interpretations Reported, DNA Analyzed for Database purposes only.				G6HM9C	Yes	No	No	No
EFMLUK	Yes	No	No	No	G786YC	Yes	No	No	No
EGGCZZ	Yes	No	No	No	G7U6Z2	Yes	No	No	No
EMQFYE	Yes	No	No	No	G8LRBY	Yes	No	No	No
EMRUB9	No Interp	No Interp	No Interp	No Interp	G9CQPW	Yes	No	No	No
EQJQJD	Yes	No	No	No	G9K79B			No Interp	No
EQQN4P	Yes	No	No	No	GAFP8Q	Yes	No	No	No
EREQNX	Yes	No	No	No	GARG3T	Yes	No	No	No
EUK873	Yes	No	No	No	GBMM3E	Yes	No	No	No
EVHYDM	Yes	No	No	No	GCYCHK	Yes	No	No	No
EXAC3F	Yes	No	No	No	GE4VQD	Yes	No	No	No
EXNXE3	Yes	No	No	No	GFCAP8	Yes	No	No	No
F24P2P	Yes	No	No	No	GFEULM	Yes	No	No	No
F3X4EL	Yes	No	No	No	GH4946	Yes	No	No	No
F8CJ9K	Yes	No	No	No	GH88LY	Yes	No	No	No
F97AEY	Yes	No	No	No	GHL9AF	Yes	No	No	No
FBR2CM	Yes	No	No	No	GJXBBZ	Yes	No	No	No
FCL247	Yes	No	No	No	GLLRMT	Yes	No	No	No
FDCLVQ	Yes	No	No	No	GM2FXF	Yes	No	No	No
FDKX2G	Yes	No	No	No	GPMCB8	Yes	No	No	No
FNDVT2	Yes	No	No	No	GRNXZB	Yes	No	No	No
FNX6RP	No Interp	No Interp	No Interp	No Interp	GRTDCB	Yes	No	No	No
FUNE2N	No Interp	No Interp	No Interp	No	GTNBUD	Yes	No	No	No
FVDFRQ	Yes	No	No	No	GUVGZR	Yes	No	No	No
FVZ6CD	Yes	No	No	No	GUY97A	Yes	No	No	No
FW9LZB	Yes	No	No	No	GV6VE8	Yes	No	No	No
FWU3GD	Yes	No	No	No	GXXQ42	Yes	No	No	No
FYYKML	Yes	No	No	No	GY928D	No Interp	No Interp	No Interp	No Interp
					H2A3B3	Yes	No	No	No

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
H2GJTF	Yes	No	No	No	JFTNA8	Yes	No	No	No
H392UB	Yes	No	No	No	JFV8FH	Yes	No	No	No
H3R3HX	Yes	No	No	No	JG64Y2	Yes	No	No	No
H6DCGJ	Yes	No	No	No	JHF8B6	Yes	No	No	No
H7L2Q2	Yes	No	No	No	JKH4WT	Yes	No	No	No
H8LH3K	Yes	No	No	No	JMKMK8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H9AMBC	Yes	No	No	No	JN4QV8	Yes	No	No	No
H9B7NF	Yes	Inc	No	Inc	JQQU9D	Yes	No	No	No
H9DERE	Yes	No	No	No	JV3F87	Yes	No	No	No
HAQXM6	Yes	No	No	No	JV4KXV	Yes	No	No	No
HBLGTC	Yes	No	No	No	JW9E8Z	Yes	No	No	No
HDA6XP	Yes	No	No	No	JX9ZXQ	Yes	No	No	No
HDUMFD	Yes	No	No	No	JYKCZ3	Yes	No	No	No
HFU2D3	Yes	No	No	No	JZGKVM	Yes	No	No	No
HJYMB2	Yes	No	No	No	K6CUZY	Yes	No	No	No
HNMX2K	Yes	No	No	No	K6NBXT	Yes	No	No	No
HPJRZV	Yes	No	No	No	K8BWH3	Yes	No	No	No
HTJRKL	Yes	No	No	No	K8EZ9D	Yes	No	No	No
HTYR7H	Yes	No	No	No	K8W228	Yes	No	No	No
HWLAN3	No Interp	No Interp	No Interp	No Interp	K93VW2	Yes	No	No	No
HXB72F	Yes	No	No	No	KBEK8Q	Yes	No	No	No
HXCDD4	Yes	No	No	No	KFNE28	Yes	No	No	No
HXEZUG	Yes	No	No	No	KGF7PT	Yes	No	No	No
HXG9XF	Yes	No	No	No	KGHNV4	Yes	No	No	No
HXTPV9	Yes	No	No	No	KJNQW8	Yes	No	No	No
J29GJF	Yes	No	No	No	KQ8FWH	Yes	No	No	No
J2PMVY	Yes	No	No	No	KQT8TM	Yes	No	No	No
J4XDYE	Yes	No	No	No	KVF49X	Yes	No	No	No
JBUUBY	Yes	No	No	No	KWBV8P	Yes	No	No	No
JD36N9	Yes	No	No	No	KWCC4G	Yes	No	No	No
JD8K2A	Yes	No	No	No	KYH6BF	Yes	No	No	No
JDFF3M	Yes	No	No	No	KZATFB	Yes	No	No	No
JET67Y	Yes	No	No	No					

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
KZBPQ8	Yes	No	No	No	M86EHV	Yes	No	No	No
KZBVGU	Yes	No	No	No	M8NLX7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
L29GW7	Yes	No	No	No	M8R44G	Yes	No	No	No
L4A4CB	Yes	No	No	No	M9XVNH	Yes	No	No	No
L88PY8	Yes	No	No	No	MB23XG	Yes	No	No	No
L8C2M4	Yes	No	No	No	MBQFZG	Yes	No	No	No
LC3G86	Yes	No	No	No	ME37QP	Yes	No	No	No
LCG3JR	Yes	No	No	No	MFEQPZ	Yes	No	No	No
LCY8QB	Yes	No	No	No	MGU3FH	Yes	No	No	No
LCYX2T	Yes	No	No	No	MHKW27	Yes	No	No	No
LDYB4U	Yes	No	No	No	MHPBE8	Yes	No	No	No
LFNNMNC	No Interp	No Interp	No Interp	No Interp	MK9MER	Yes	No	No	No
LHMLVY	Yes	No	No	No	MKT3PT	Yes	No	No	No
LJNZHC	No Interpretations Reported, DNA Analyzed for Database purposes only.				MKTG2M	Yes	No	No	No
LKCZBZ	Yes	No	No	No	ML6J37	No Interp	No Interp	No Interp	No Interp
LKZ46V	Yes	No	No	No	MP74T7	Yes	No	No	No
LL8NM4	Yes	No	No	No	MRDC7X	Yes	No	No	No
LLQ8UW	Yes	No	No	No	MUER32	Yes	No	No	No
LLUUBBB	Yes	No	No	No	MVTCCH	No Interp	No Interp	No Interp	No
LMVA8E	Yes	No	No	No	MW9P2E	Yes	No	No	No
LP9PPM	Yes	No	No	No	N372AG	Yes	No	No	No
LPL8LD	Yes	No	No	No	N3QQBN	Yes	No	No	No
LUL9CV	No Interp	No Interp	No Interp	No Interp	N3RUCA	Yes	No	No	No
LULAV9	Yes	No	No	No	N4WVM7	Yes	No	No	No
LWACR2	Yes	No	No	No	N7LWUF	Yes	No	No	No
LX6VX9	Yes	No	No	No	N8HXTW	Yes	No	No	No
LXKNJX	Yes	No	No	No	NAPLK4	Yes	No	No	No
LYTVNC	Yes	Inc	No	Inc	NEX74U	Yes	No	No	No
M2V8UB	Yes	No	No	No	NH7FW6	Yes	No	No	No
M6DF6W	Yes	No	No	No	NHDQ33	Yes	No	No	No
M6XYCP	Yes	No	No	No	NHYHDT	Yes	No	No	No
M6YKRH	No Interp	No Interp	No Interp	No Interp	NJUK4C	Yes	No	No	No

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
NLC6N8	Yes	No	No	No	PN8CTB	Yes	No	No	No
NQG2JE	Yes	No	No	No	PNNH8E	Yes	No	No	No
NR9X89	Yes	No	No	No	PPRWCE	Yes	No	No	No
NWJJUE	Yes	No	No	No	PQCYBL	Yes	No	No	No
NY76RW	No Interp	No Interp	No Interp	No Interp	PRKKWV	Yes	No	No	No
NZZXMF	Yes	No	No	No	PTZFKU	Yes	No	No	No
P3H3N3	Yes	No	No	No	PUAZCX	Yes	No	No	No
P3KMHJ	Yes	No	No	No	PURJAU	Yes	No	No	No
P4DMB3	Yes	No	No	No	PWY9JD	Yes	No	No	No
P4UBLP	Yes	No	No	No	PXRRD6	Yes	No	No	No
P4Y22Z	Yes	No	No	No	PYFMY8	Yes	No	No	No
P77JYW	Yes	No	No	No	PZCGXG	Yes	No	No	No
P7L8AJ	Yes	No	No	No	PZFG8D	Yes	No	No	No
P8AVJX	Yes	No	No	No	Q3EFC3	Yes	No	No	No
P8FNDK	No Interp	No Interp	No Interp	No	Q3G29H	Yes	No	No	No
P8TP9E	Yes	No	No	No	Q8RA96	Yes	No	No	No
P9UKVQ	No Interp	No Interp	No Interp	No Interp	QAF6BZ	Yes	No	No	No
PA2R9R	Yes	No	No	No	QBUXB4	Yes	No	No	No
PA7PH9	Yes	No	No	No	QE8VHQ	Yes	No	No	No
PAKNMC	Yes	No	No	No	QEDFLE	Yes	No	No	No
PC8A8M	Yes	No	No	No	QEWCYY	No Interp	No Interp	No Interp	No Interp
PCBM3W	Yes	No	No	No	QFT8MQ	Yes	No	No	No
PCTVRQ	No Interp	No Interp	No Interp	No Interp	QLERGB	No Interp	No Interp	No Interp	No
PD7BFZ	Yes	No	No	No	QNELY8	No Interp	No Interp	No Interp	No
PFVXAU	Yes	No	No	No	QRM7A8	Yes	No	No	No
PGKUD9	Yes	No	No	No	QUJHKT	Yes	No	No	No
PHDW84	Yes	No	No	No	QYE3XP	Yes	No	No	No
PHZ87C	Yes	No	No	No	QYGQE4	Yes	No	No	No
PJXVL8	Yes	No	No	No	QYW4RE	Yes	No	No	No
PLCCD7	Yes	No	No	No	QYXEM3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PLUTLY	Yes	No	No	No	R263PY	Yes	No	No	No
PMREPK	Yes	No	No	No	R2U4WM	Yes	No	No	No
PN47G2	Yes	No	No	No					

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
R3HNDF	Yes	No	No	No	TGA3QE	No Interp	No Interp	No Interp	No
R684RG	Yes	No	No	No	TLLTEU	Yes	No	No	No
R7RKJV	Yes	No	No	No	TMVW3D	Yes	No	No	No
R8KEEE	Yes	No	No	No	TN86ZZ	Yes	No	No	No
R8Q34Q	Yes	No	No	No	TPPFED	Yes	No	No	No
R9ZJ6Q	Yes	No	No	No	TQVQKA	Yes	No	No	No
RC2R8F	Yes	No	No	No	TR8FVZ	Yes	No	No	No
RCGJAP	Yes	No	No	No	TRML94	Yes	No	No	No
RCNGT2	Yes	No	No	No	TRTGRV	Yes	No	No	No
RE9FXJ	No Interp	No Interp	No Interp	No Interp	TT8UHD	Yes	No	No	No
REMEZ3	Yes	No	No	No	TTKDFP	Yes	No	No	No
RFFV6P	Yes	No	No	No	TTRDP7	Yes	No	No	No
RGDF9C	Yes	No	No	No	TVLZU9	Yes	No	No	No
RJ22RL	Yes	No	No	No	TVW27G	Yes	No	No	No
RJ3XYB	Yes	No	No	No	TW2DKQ	Yes	No	No	No
RJHGJ9	Yes	No	No	No	TWMNJY	Yes	No	No	No
RKAD83	Yes	No	No	No	TYFZHQ	Yes	No	No	No
RKUUN6	Yes	No	No	No	TYQETZ	Yes	No	No	No
RQ42CN	Yes	No	No	No	TZKVV2	Yes	No	No	No
RRFETB	Yes	No	No	No	U3AJQ3	Yes	No	No	No
RZ29H9	No Interp	No Interp	No Interp	No	U3MPYJ	Yes	No	No	No
T2FFH2	No Interp	No Interp	No Interp	No Interp	U83EY2	Yes	No	No	No
T2FWJY	Yes	No	No	No	U8HXJY	Yes	No	No	No
T38T9T	Yes	No	No	No	UBMC4J	Yes	No	No	No
TAATTG	Yes	No	No	No	UD4H3Z	Yes	No	No	No
TAR7UY	Yes	No	No	No	UD9L6Q	Yes	No	No	No
TAUDDZ	Yes	No	No	No	UFWTD8	Yes	No	No	No
TBKVF	Yes	No	No	No	UG6FVZ	Yes	No	No	No
TCFY7M	Yes	No	No	No	UGJQQY	Yes	No	No	No
TCZMGP	Yes	No	No	No	UH3M4K	Yes	No	No	No
TE2AVA	No Interp	No Interp	No Interp	No	UJBMET	Yes	No	No	No
TFZVLZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				UJJUJTE	Yes	No	No	No
					UL3YZK	Yes	No	No	No

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
ULH6DN	Yes	No	No	No	W6MZYW	Yes	No	No	No
UMA4RM	Yes	No	No	No	W97ZCR	Yes	No	No	No
UMUVPE	Yes	No	No	No	WAC4NA	Yes	No	No	No
UNP79Z	Yes	No	No	No	WHDWXA	Yes	No	No	No
UP2Q83	Yes	No	No	No	WJKNZH	Yes	No	No	No
UQ9EMM	Yes	No	No	No	WJMLLT	Yes	No	No	No
UQEAE7E	Yes	No	No	No	WLATWW	Yes	No	No	No
UQWTZ8	Yes	No	No	No	WPQ8CP	Yes	No	No	No
UR3BX3	Yes	No	No	No	WRJEW8	Yes	No	No	No
URNRD6	Yes	No	No	No	WTBA4V	Yes	No	No	No
UUEQR4	Yes	No	Inc	No	WUQWU4	Yes	No	No	No
UXHXDE	Yes	No	No	No	WVKMZH	Yes	No	No	No
UWFW6N	Yes	No	No	No	WYG862	Yes	No	No	No
UWZ8U2	Yes	No	No	No	X23DXW	No Interp	No Interp	No Interp	No Interp
V3N63P	Yes	No	No	No	X2XMK7	Yes	No	No	No
V4TGGY	Yes	No	No	No	X3DM4V	Yes	No	No	No
V72JDV	Yes	No	No	No	X3WK6A	Yes	No	No	No
V9TF2P	Yes	No	No	No	X46DXU	Yes	No	No	No
VD7NFU	Yes	No	No	No	X6JADU	Yes	No	No	No
VDL8ZQ	Yes	No	No	No	X78YBX	Yes	No	No	No
VDP3XY	Yes	No	No	No	X7B9QR	Yes	No	No	No
VEK4X2	Yes	No	No	No	X7WVZA	Yes	No	No	No
VGLQCK	Yes	No	No	No	X8NXU6	Yes	No	No	No
VGQNL2	Yes	No	No	No	X9YUB3	Yes	No	No	No
VJCK2E	Yes	No	No	No	XBNX9F	Yes	No	No	No
VK3L83	Yes	No	No	No	XE77H2	Yes	No	No	No
VKLHJ3	No Interp	No Interp	No Interp	No	XELJXX	Yes	No	No	No
VLV8L9	Yes	No	No	No	XENR2W	Yes	No	No	No
VMQR99	Yes	No	No	No	XER8EW	Yes	No	No	No
VQBEA9	Yes	No	No	No	XHM4WW	Yes	No	No	No
VT4PHV	Yes	No	No	No	XKW9BK	Yes	No	No	No
VTBYNR	Yes	No	No	No	XMGLZA	Yes	No	No	No
W4TMMK	Yes	No	No	No	XNR39L	No Interp	No Interp	No Interp	No

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
XRULWZ	Yes	No	No	No	ZD8DN8	Yes	No	No	No
XULT4X	Yes	No	No	No	ZGAK3C	Yes	No	No	No
XWJYXN	Yes	No	No	No	ZH426E	Yes	No	No	No
XWRB2T	Yes	No	No	No	ZJE229	Yes	No	No	No
XYXEFW	Yes	No	No	No	ZJVXU9	Yes	No	No	No
XZJBUN	Yes	No	No	No	ZL2RKK	Yes	No	No	No
Y4ZUEJ	Yes	No	No	No	ZMW2LU	Yes	No	No	No
Y6FDUN	Yes	No	No	No	ZRRP32	No Interp	No Interp	No Interp	No Interp
Y6YVMV	Yes	No	No	No	ZV73RB	Yes	No	No	No
Y6ZNMP	Yes	No	No	No	ZXVY6N	No Interpretations Reported, DNA Analyzed for Database purposes only.			
Y9DFK6	Yes	No	No	No	ZYKMQJ	Yes	No	No	No
YAAMQ9	Yes	No	No	No					
YCMYTJ	Yes	No	No	No					
YCWK6K	Yes	No	No	No					
YDTNLU	Yes	No	No	No					
YFZWZ7	Yes	No	No	No					
YME3XR	Yes	No	No	No					
YMGKMV	No Interp		No Interp		No Interp		No Interp		
YN9H2U	No Interpretations Reported, DNA Analyzed for Database purposes only.								
YNQWHY	Yes	No	No	No					
YPPNMY	Yes	No	No	No					
YQJAHB	Yes	No	No	No					
YVE3AK	Yes	No	No	No					
YW7BAM	Yes	No	No	No					
YZLBFA	Yes	No	No	No					
Z2UA39	Yes	No	No	No					
Z4MUE9	Yes	No	No	No					
Z6CU9R	No Interpretations Reported, DNA Analyzed for Database purposes only.								
Z7PATK	Yes	No	No	No					
Z9VYT9	Yes	No	No	No					
ZA76KW	Yes	No	No	No					
ZBKPC8	Yes	No	No	No					

		DNA Interpretation							
Response Summary		Participants reporting DNA results: 685							
<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		619	0	0	0				
No		0	617	618	637				
Inc		0	2	1	3				
No Interpretation		48	48	49	28				
No Response		2	2	1	1				

Participants analyzing DNA for database purposes only: 16

Additional Comments

TABLE 8

WebCode	Additional Comments
23H73M	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
2HVE8W	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
2KZNV3	Extraction: Item 3 and Item 4 were extracted using Automated ABI PrepFiler Express. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA quantitation kit and carried out by QuantStudioTM 5 Real-Time PCR. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express Kit on 9700 GeneAmp PCR system. Item 3 and Item 4 were amplified using GlobalFiler Kit on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFISTR YFiler Kit on 9700 GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by Genetic Analyser 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control, and negative control were carried out along with the analysis and all gave the intended results. *NM denotes non male profile.
2RMR6B	NR = Not Reported
324H33	NR=No results
34ERGY	Body fluid screening was marked "Not Tested" because this DNA analyst does not conduct body fluid screening testing on casework.
398BLX	* Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. * DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy
3DV8ZM	Not authorized to report conclusions. Authorized in serology or mito, testing not assigned this PT cycle.
3FM3PG	HT: HemaTrace. NR: no results.
3H9PH4	Authorized in serology only. Not authorized in STR, YSTR, or mito. Item 1 and Item 2 not processed further at this time.
3JLGAL	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
3JPK3G	The laboratory does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
3XZMJY	NR/NE = No Results/Not Expected. NA = Not Applicable. A team approach was used.
4642VT	Any labeled peaks seen that are likely due to PCR/STR artifacts were not reported. DYS391 report as INC for PowerPlex Fusion System per laboratory policy.
49LHK6	NR = No Results
4BPU7R	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.
4E79LL	Authorized in STRs. Serology, mtDNA, and Y-STRs not performed. Not authorized in serology, mtDNA, and Y-STRs.

TABLE 8

WebCode	Additional Comments
4JJKME	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.
4RV6NJ	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
4YGKQA	NR = no result
4ZBFY6	NR = No Result
4ZC3PQ	GlobalFiler and MiniFiler were used to amplify Item 3. Concordant results were obtained for Item 3 for GlobalFiler and MiniFiler.
6CKF93	NR = No results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
6D7TMU	A team approach was used. NR/NE = No Result / Not expected. NA = Not applicable.
6EQMQV	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
6FCPAN	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
6HLZBT	A team approach was used. NR = no result.
6PQFZM	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
6WL2NU	NR = No results. A team approach was used.
72D3HM	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
77379Y	Authorized in serology only. Not authorized in STR, YSTR, or mito.
7CR29N	NR = No Results
7HYPQW	Only Y-STR interpretation of samples containing male DNA were performed on this test. Analytical labwork was performed by another analyst.
7MEXEV	No interpretations were made of the Y-STR results.
7N8LLD	Only Analytical DNA was performed on items 1 and 2. Alleles were entered with stutter filters on since probabilistic genotyping was not completed for this test. Completed DNA analysis on previously prepared samples. Did not complete the Analytical DNA on items 3 and 4.

TABLE 8

WebCode	Additional Comments
7R9GG9	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Item 1] and [Item 2] if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C, 523delA and 524delC.
7U9PLJ	Serology and Mito testing not performed, not authorized in Mito or Serology.
7UF9T2	NR = No Results. NT = Not Tested. Screening and DNA benchwork performed by qualified examiners. DNA results analyzed by test participant DNA analyst.
8264JP	NA=not applicable. NR/NE=no results/not expected. A team approach was used.
8272UL	{ } = peak height ratio lower than expected
82PK2D	BASED ON THE GENETIC EVIDENCE ANALYZED, IT IS CONCLUDED THAT THE SUSPECT HAS NO INDICATIONS OF CONTACT WITH THE VICTIM.
83WZ9J	Authorized in STRs and YSTRs. Not authorized in serology or mitochondrial DNA.
8C82UK	Authorized in STRs. Serology, mito, and Y-STR not performed - Not authorized in serology, mito, or YSTRs.
8F6WFT	DYS391 is reported as INC for all samples tested using PowerPlex® Fusion Kit using per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
8K76YM	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
8PW2KM	Databasing only; Items 3 and 4 not processed since they are evidence samples. Not authorized to analyze, report, or interpret evidence samples. Not authorized in Serology or mito. Authorized in YSTRs but not assigned on this PT test.
8Q8KKP	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
8QA3RZ	reporting with stutter filters on. Mito and Y's not performed at this laboratory.
8WXUJUM	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
8YJZBR	A team approach was used. NR = no result.
8ZECXP	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
94W96A	Alleles were entered with stutter filters on since probabilistic genotyping was not completed for this test. Completed DNA analysis on previously prepared samples. Only analytical DNA was performed on items 1-4, however, only quant and quant interpretation was performed on items 1-2.

TABLE 8

WebCode	Additional Comments
9BDPWJ	1) Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item 3 and Item 4 were extracted using the QIAAsymphony DNA Investigator kit on QIAAsymphony SP. 2) Quantification: -Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification kit on ABI QuantStudio 5 Real-Time PCR System. 3) Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on ABI ProFlex PCR System. -Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. -Item 2 and Item 4 were further amplified using AmFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. 4) Electrophoresis: -Electrophoresis was carried out on Genetic Analyzer 3500xL for Item 1 and Item 2 (GlobalFiler Express), Item 3 and Item 4 (GlobalFiler). -Electrophoresis was also carried out on Genetic Analyzer 3500xL for Item 2 and Item 4(Y-Filer). 5) Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. 6) NM represent Non-male profile.
9EA39T	Autosomal interpretation only performed, autosomal analytical labwork performed by another analyst. Y-STR analytical labwork performed and result entry by this analyst only, no interpretations made based off of Y-STR data.
9G3MKR	NR = No result
9KF772	1. The victim (item 1) is not excluded as the origin of the blood recovered from the pants. 2. The victim (item 1) and the suspect (item 2) are excluded as the origin of the blood recovered from the suspect's shirt.
9MKLQL	Databasing only; not authorized to process/report evidence samples. Authorized in STRs. Authorized in YSTRs but not assigned the PT cycle. Not authorized in serology or mito.
9NKFCH	NID= no interpretable data. Note: inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following proposition: Item 3 1S_U. Per FBU policy, statistical analysis would not be conducted in casework as item 3 is from an item belonging to the victim. Statistics were calculated for proficiency test purposes only.
9QU7Y2	NT= Not tested. NR= No result.
9RGDWX	Authorized in serology only. Not authorized in STR, YSTR, or mito.
9TDU28	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction, and quant. Amplification, STR data, and characterization were performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations will be made
9WRHC4	This laboratory does not report the HVII C stretch in Sanger sequencing data, therefore the range 303-315 is excluded from all samples in this test.
A6ZERU	Extraction: Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Applied Biosystems™ Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System. Amplification: Using the in-situ method, Item 1 and Item 2 were amplified using the Applied Biosystems™ GlobalFiler™ Express PCR Amplification Kit on the Applied Biosystems™ ProFlex™ 96-well PCR System. Item 2 was also amplified using the Applied Biosystems™ AmpFLSTR™ Yfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 3 and Item 4 were amplified using the Applied Biosystems™ GlobalFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. The Item 4 was 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.
AEBPAL	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy
AMFNTV	NR=No Results

TABLE 8

WebCode	Additional Comments
AQ4RNT	ND = Not Detected
AUMTN7	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
B379MN	A team approach was used. NR = no results.
B4HMGP	NR/NE = No results/Not expected. N/A = Not applicable. A team approach was used.
B89FFJ	The [Laboratory] does not test any additional loci and does not perform YSTR or mtDNA testing.
BCVYAG	Serology, mito, and Y-STR not performed. Not authorized in serology, mito, or YSTRs.
BGGTWM	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor base on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). DNA interpretations not reported; samples 1 and 2 analyzed for databasing purposes only; samples 3 and 4 analyzed using the technician workflow.
BTFP9F	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
BXDKA9	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
BY63A4	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Item 1] and [Item 2], if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C, 523delA and 524delC.
C4FDZC	Authorized in STRs and YSTRs. Not authorized in Serology or mito.
C4XC7M	Any labeled peaks seen in samples that are likely due to PCR artifacts were not reported. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy.
CBFYPR	NR=no result
CEDF67	NR = no results
CKQ2BR	NR = no results
CP3HN8	Exhibit 4 - was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color.

TABLE 8

WebCode	Additional Comments
CZJZM7	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.
DBCPHR	NR = No Results
DDNXNC	Screening test not conducted as not currently qualified. Modified General extractions conducted on unknowns based on case scenario. Since serology was not conducted, modified general extractions were processed on both items 3 and 4. PowerPlex Fusion 6C sample processing was conducted on item 1, item 2, item 3, and item 4. Autosomal analysis and interpretation were not conducted on item 3 and item 4. No comparisons to evidence were made. NID= No Interpretable Data
DEB2DR	NR=no results
DJAWEK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DK3THK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DPCJUL	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for all samples tested with the Powerplex Fusion kit per lab policy.
DTKV9V	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results NR = no results
DTWC7N	Reporting results with stutter filters on.
E4Z82J	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
E7YPQY	NR=No result
EAL89J	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
EFMLUK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
EGRUJJQ	Authorized in serology only. Not authorized in STR, YSTR, or mito. Item 1 and Item 2 were not processed.

TABLE 8

WebCode	Additional Comments
EREQNX	Fusion/YF were performed on Item 2. Results were concordant at the overlapping locus. Fusion/Minifiler were performed on Item 3. Results were concordant at all overlapping loci. Fusion/Minifiler/YF/LCN YFiler were performed on Item 4. Results were concordant at all overlapping loci.
EXAC3F	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. In regards to PowerPlex Fusion results, DYS391 is reported as "INC" as per [Laboratory] interpretation policy.
F8CJ9K	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
FNX6RP	For Items 3 and 4, electropherograms were analyzed with stutter filters off in accordance with [Laboratory] policies. All called peaks (including stutter) were entered into the portal due to no interpretations being made.
FUNE2N	Amplification with PowerPlex Y23 performed by this analyst. Extraction and quantification of those samples performed by a different analyst.
FW9LZB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
FWU3GD	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
G2FC4G	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
G9K79B	Item 1 was not examined (no analysis or interpretation). Y-screening was performed on Item 3. Due to an IPC shift Item 3 was amplified. No Y-STR profile was obtained. NID = no interpretable data. Y-STRs only on Items 2 and 4.
GAFP8Q	This laboratory does not perform Y-STR or mitochondrial testing
GCYCHK	Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item 3 and Item 4 were extracted using Automate Express DNA Extraction System with PrepFiler Express Kit. Quantification: -Item 3 and Item 4 were quantified using Applied Biosystem Quantifiler Trio DNA Quantification kit on QuantStudio 5 Real-Time PCR. Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express Amplification kit. -Item 3 and Item 4 were amplified using GlobalFiler Amplification kit. -Item 2 and Item 4 were amplified using AmpFLSTR™ Yfiler™ PCR Amplification Kit. -All amplification performed on ProFlex PCR System. Electrophoresis: -All amplified product of GlobalFiler and Y-Filer were run on Genetic Analyzer 3500. Quality Control: -All reagent blank, positive control, negative control, were carried out throughout the analysis and all gave intended results. Remarks: - NM : Non-male profile.
GFCAP8	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
GFEULM	The male from Item 4 is not a suspect(Item2).
GH88LY	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
GHL9AF	According to [Laboratory] Forensic Biology Interpretation policies, the DYS391 locus in the Fusion kit is reported as INC. Any labeled peaks seen in the questioned stain(s) or item(s) which are likely due to PCR/STR artifacts are not reported or not used for conclusions or comparisons.
GJXBBZ	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
GLLRMT	Analytical DNA was done using 24plex. Interpretation was done using GlobalFiler. Where the kit loci overlap, identical results were obtained.
GM2FXF	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. As per laboratory protocol, DYS391 is deemed as inconclusive.
GPMCB8	Serology and mito not performed. Not authorized in serology and mito.
GRTDCB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GY928D	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
H2GJTF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
H9B7NF	Any labeled peaks seen in samples [Item 3] and [Item 4] that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy.
HBLGTC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HDA6XP	NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
HDUMFD	No mitochondrial DNA testing or additional DNA testing at this laboratory.
HJYMB2	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.
HNMX2K	Item 3 extracted with differential method so serologist paired on PT could be tested in that method. NR = no results

TABLE 8

WebCode	Additional Comments
HPJRZV	NR: No Results
HTYR7H	DYS391 locus was reported as INC for Fusion profiles for all samples as per Laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions and comparisons.
HXB72F	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HXG9XF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
J29GJF	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 were deemed INC as per laboratory policy.
JBUUBY	NR = No results
JD8K2A	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JDFF3M	Mitochondrial DNA testing was not performed. Imbalanced Alleles were observed at D2S1338 in Item 2 and at D19S433 in Item 3.
JET67Y	NR=No results obtained at this locus
JFTNA8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JKH4WT	ND = Not detected
JMKMK8	Casework reference analyst; not authorized to process evidence items. Items 3 and 4 not processed. Not authorized to perform serology, Y-STR, or mito testing.
JN4QV8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JV3F87	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
JV4KXV	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 on this proficiency test.
JW9E8Z	NR = no result detected. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
K6CUZY	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
K8BWH3	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
K8EZ9D	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
KGF7PT	This laboratory does not report the HVII C stretch in Sanger sequencing, therefore the range 303-315 is excluded from all samples in this test.
KJNQW8	The 19 allele reported at vWA for Item 4 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further evaluated as stutter probabilistically using STRmix to support this interpretation.
KWBV8P	Item 2: High + 1 stutter noted at D8(16), no other indication of a mixture. Item 3: High + 1 stutter at CSF1PO(13) also possibly affected by pull up from D5S818(12). PP21 amplification kit related artefact at TH01(4) was confirmed to be in the amplification product with repeated capillary electrophoresis analysis. No other indications of greater than one contributor to profile observed.
KYH6BF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
KZATFB	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the Power Plex Fusion System per laboratory policy.
L4A4CB	DY391 is reported as INC for the PowerPlex@Fusion System as per our laboratory policy. Any labeled peaks seen in the samples that are due to PCR/STR artifact were not reported.
L8C2M4	STRmix analysis was conducted on this test.
LFNNMC	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
LHMLVY	NR = No typing result obtained. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
LLUUBB	For Powerplex Fusion results, DYS391 is reported as INC, as per our laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported.
LPL8LD	NR/NE=No Result/Not Expected. NA=Not Applicable. A team approach was used.
LUL9CV	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction and quant. Amplification, STR data, and characterization were performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations will be made.
LWACR2	[Text removed for anonymity purposes.]
LX6VX9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
LYTVNC	Per laboratory policy, DYS391 is reported as INC using the PowerPlex Fusion amplification kit. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts are not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio results in the uninformative range.
M2V8UB	A team approach was used. NR/NE = no results, not expected. NA = not applicable, not tested

TABLE 8

WebCode	Additional Comments
M6YKRH	For Items 3 and 4, electropherograms were analyzed with stutter filters off in accordance with [Laboratory] policies. All called peaks (including stutter) were entered into the portal due to no interpretations being made.
M8R44G	NR= no result
MB23XG	Item 4: other male DNA not suspect
MBQFZG	NR = No Result
MDA9D9	Performed serology testing only.
ME37QP	This test was not completed in full as it contains methods not currently on our scope of accreditation. In addition, screening tests were not performed at this time as they are only proficiency tested once a year.
MFEQPZ	Authorized in STRs. Serology, mito, and Y-STR not performed - not authorized in serology, mito, or Y-STRs.
MHJK7H	Authorized in serology only. Not authorized in STR, YSTR, or mito.
MHKW27	MiniFiler was also used to amplify item 3. The same result was obtained for GlobalFiler and MiniFiler for this item at all concordant loci.
MHPBE8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MKT3PT	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.
ML6J37	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MUER32	Serology not performed, mito not performed, and Y-STR not performed. Not authorized in YSTRs, mito, or serology
N372AG	NR = No Results. NT = Not Tested.
N3QQBN	NR= No results
N3RUCA	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.
NHDQ33	Not authorized in mito or serology
NWJJUE	NR = no results
P3H3N3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
P3KMHJ	This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR=No Results
P4Y22Z	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
P8AVJX	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
P9UKVQ	This test was performed by a DNA technician, who is authorized to perform forensic analytical testing. STR data and characterization was performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations of this data will be made.
PA2R9R	NR = No Results. Globalfiler, Yfiler, and Modified Yfiler (LCNY) were performed on Item 2. Results were concordant for all overlapping loci. Globalfiler, Yfiler, and Modified Yfiler (LCNY) were performed on Item 4. Results were concordant for all overlapping loci.
PA7PH9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PCTVRQ	This test was performed by a DNA technician, who is authorized to perform forensic analytical testing. STR data and characterization was performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations of this data will be made.
PGKUD9	A team approach was used. NR=no results.
PJXVL8	The [Laboratory] does not perform YSTR testing, mitochondrial testing, or test any additional loci.
PMREPK	Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item 3 and item 4 were extracted using Qiasymphony DNA Investigator Kit via QIAAsymphony SP. Quantitation: -Item 3 and Item 4 were quantified using Quantifiler Trio Quantification Kit via QS5 system. Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express on ProFlex PCR system. -Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -All electrophoresis were carried out using Genetic Analyzer 3500xL. Quality Control: -Reagent blank, Positive Control and Negative Control carried out throughout the analysis all gave intended results. -NM non male profile.
PPRWCE	Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Item 1 and Item 2 were amplified using the Globalfiler Express PCR Amplification Kit on the 9700 GeneAmp PCR System. Item 3 and Item 4 were amplified using the Globalfiler PCR Amplification Kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 4 using the AmpFISTR Y-filer PCR Amplification Kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyzer with Genemapper ID-X Software for Item 1 and Item 2 (Globalfiler Express), Item 3 and Item 4 (Globalfiler). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl with Genemapper ID-X Software for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. NM = Non Male profile.

TABLE 8

WebCode	Additional Comments
PTZFKU	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.
PURJAU	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
PXRRD6	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PYFMY8	{ } = imbalanced alleles.
PZCGXG	Item 2 entered into CODIS - legal.
Q3G29H	ND: Allele(s) not detected.
QAF6BZ	This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR = No Result
QEWCYY	Y-screening was conducted on item 3 and item 4. Male DNA was indicated on item 4. Male DNA was not indicated on item 3. PowerPlex Fusion 6C sample processing was conducted on items 3 and item 4. Autosomal analysis and interpretation was not conducted.
QLERGB	interpretation only performed, analytical labwork performed by another analyst
QNELY8	NR = No Result. This test was only processed for Y-STR analysis. Therefore, reference item 1 (female victim) was not processed, and a conclusion of "no interpretation" was reported for the comparison to items 3 and 4. Additionally, no Y-STR results were obtained for questioned item 3, and a conclusion of "no interpretation" was reported for the comparison to reference item 2 (male suspect). A team approach was used for male DNA screening.
QUJHKT	ND = Not detected; female DNA profile obtained.
QYGQE4	For powerplex fusion results, DYS391 is reported as inc, as per our laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported.
QYW4RE	NR= no result
R263PY	NR= No results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in the true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.

TABLE 8

WebCode	Additional Comments
R2U4WM	Item 1 (victim) matches with item 3. No match for item 2 (suspect) with item 3 and item 4. Item 4 male DNA has not match with item 2.
R7RKJV	24-5705 (cannot report YSTRs); Authorized in STRs. Not authorized in serology, mito, or YSTRs.
RE9FXJ	Analysis performed by DNA Analyst not approved to complete interpretation.
RJ22RL	This laboratory does not report the HV2 C-stretch, thus the 303-315 range is excluded.
RJ3XYB	NR=No results. Item 3 differentially extracted for personnel testing purposes only. Sperm fraction was insufficient DNA, only epithelial was aamped and reported.
RJHGJ9	Extraction: Item 1 and Item 2 were extracted using the in-situ extraction method while Item 3 and Item 4 were extracted using the Automate Express Forensic DNA Extraction System with PrepFiler Express Kit method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using the Globalfiler Express PCR Amplification kit on the 9700 GeneAmp PCR System while Item 3 and Item 4 were amplified using the Globalfiler PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 4 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Globalfiler Express) and Item 3 and Item 4 (Globalfiler). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. Abbreviation: NM : Non-male Profile.
RKAD83	PSA testing was performed on Items 3 and 4 in order to determine whether a differential or non-differential extraction was required.
RKUUN6	{ } = imbalanced alleles
RZ29H9	A team approach was used. NR = No results. This test was only amplified for Y-STRs. No interpretation could be made on Item 3 and 4 with regards to the female victim (Item 1) because Item 1 wasn't processed. No interpretation could be made on Item 3 with regards to the suspect (Item 2) due to no Y-STR results being obtained for Item 3.
T2FFH2	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
T38T9T	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures, but are included in the CTS report.
TAATTG	Extraction: - Item 1 and Item 2 were extracted using in-situ method. - Item 3 and Item 4 were extracted using Investigator kit on QIA Symphony automation platform. Quantification: - Item 3 and Item 4 were quantified using Quantifiler Trio Quantification kit on QuantStudio 5 Real Time PCR System. Amplification: - Item 1 and Item 2 were amplified using Globalfiler Express (GFE) kit on ABI Proflex PCR System. - Item 3 and Item 4 were amplified using GlobalFiler STR kit on 9700 GeneAmp PCR System. -Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: -Electrophoresis of GlobalFiler were carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. -Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3500xL for Item 2 and Item 4. Quality Control: - Reagent Blank, Positive Control and Negative Control were incorporated throughout the analysis and gave satisfactory results. NM represent Non-male profile.

TABLE 8

WebCode	Additional Comments
TCFY7M	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.
TE2AVA	A team approach was used. NR=No Results.
TLLTEU	[Name] performed biology screening. [Name] performed DNA lab work and interpretation. [Name] performed technical review of the CTS data entry for biology and [Name] performed technical review of the CTS data entry for DNA. Item 3: Confirmatory testing for hemoglobin with HemDirect disclosed the presence of blood of probable human origin. The HemDirect test is not considered a confirmatory test for species (it is considered confirmatory for blood), due to the fact that some upper primates and under some conditions, ferrets, have been reported giving positive results with the HemDirect card. Item 4: The Infrared (IR) Light was used as a visual aid and indicated stain(s) of potential evidentiary value. Presumptive testing for hemoglobin with Luminol and Phenolphthalein indicated the possible presence of blood. This test alone does not confirm the presence of blood. The amylase diffusion test is a presumptive test for the presence of amylase (an enzyme found in body fluids, including saliva).
TNN8LE	Items 1 and 2 were not processed and items 3 and 4 were processed for Serology only. Authorized to process and report for serology only. Not authorized for STR, YSTR, or mito.
TPPFED	NR=No Results. A different DNA analyst (bench) performed KM testing.
TQVQKA	NR = no result
TT8UHD	KM testing done by DNA analyst. NR=No Results. NT=Not Tested. GlobalFiler and GlobalFiler Express results for items #1 and #2 were concordant. No statistics performed because not necessary per our SOPs.
TVLZU9	A team approach was used. NR = No Results
TZKVV2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
U3AJQ3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
U83EY2	The [Laboratory] does not perform Y-screening, Y-STR testing, or mtDNA testing.
UBMC4J	NR=No result
UD4H3Z	Traditional serology testing was not conducted in entirety on Items 3 and 4. Items 3 and 4 were only PSA tested to determine whether the samples should be sent differential or non-differential extraction. Both items tested negative and therefore were taken forward as a non-differential extraction.
ULH6DN	NR = no results
UMA4RM	Fusion and minifiler were performed on items 3 and 4. Results were concordant at all overlapping loci. Fusion and Y Filer were performed on Items 2 and 4. The results of locus DYS391 were concordant between kits for each respective sample. Results were concordant for item 4 Y Filer and LCNY Data. NR= No results.
UQ9EMM	This testing laboratory does not report mtDNA data for HV2 C-stretch regions.

TABLE 8

WebCode	Additional Comments
UQWTZ8	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.
UR3BX3	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy.
UUEQR4	Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy
UXXHDE	NR = No Results. no YSTR or MITO testing.
UZFGJ8	A team approach was used. DNA quantitation only for Items 3 and 4 from test 24-5705 [Participant Code] was conducted using the PowerQuant System.
V3N63P	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
VD7NFU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
VGQNL2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VK3L83	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VT4PHV	NID = No Interpretable Data. Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate the following propositions: Item 3: 1s_U. Per FBU policy, STRmix would not be run in casework for item 3 as this belonged to 1s and not required. Statistic run for PT purposes only. Item 3 Y-Screening results - no male DNA detected but an IPC threshold was flagged. Casework would report this as a quality control indicator did not pass and queue for re-extraction. Single source female profile obtained for item 3. Y-screening results reported on item 4.
VTBYNR	Not authorized in serology or mito.
W4TMMK	The analytical portion of this test was performed by an authorized DNA technician.
W6MZYW	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
WAC4NA	Y-STR and Mito testing not performed - not authorized in mito or Y-STRs.
WEAYP3	Did not perform saliva testing due to in house instructions.
WPQ8CP	NR=no result
WUQWU4	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
WYG862	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
X23DXW	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
X3WK6A	Authorized in mtDNA only. Not authorized in Serology, STR, or Y-STR. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed on either Items 3 or 4 since it cannot separate mtDNA from multiple contributors.
X7WVZA	Not authorized in Serology. Items 3 and 4 were not processed for STR/Y-STR analysis. Items 1 and 2 were processed for STR/Y-STR database purposes only.
X9YUB3	A team approach was used. NA: Not Applicable. NR/NE: No results/Not expected.
XBNX9F	The PowerPlex Fusion and YF data are concordant at DYS391 for Item 2. The LCN Yfiler and YF data are concordant at overlapping loci for Item 4. The Minifiler and Globalfiler data are concordant at overlapping loci for Item 4.
XENR2W	MiniFiler was also used to amplify item 3. Concordant results were obtained with GlobalFiler and MiniFiler.
XER8EW	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
XHM4WW	Minifiler™ was also used to amplify item 3. Concordant results were obtained with GlobalFiler™ and Minifiler™ for this item.
XMGLZA	NR= no results
XRULWZ	NR = no result
XWRB2T	NR=No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
XZJBUN	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.
Y4ZUEJ	NR = No Result
Y9DFK6	NR - no results. Only mtDNA HV1/HV2 regions reported (16024-16365, 73-340) for items 1, 2, 4. Only mtDNA HV1/HV2 regions reported (16024-16365, 73-214, 262-340) for item 3.
YAAMQ9	This lab doesn't perform Y-STR testing, mtDNA testing and reports samples with stutter filters on.

TABLE 8

WebCode	Additional Comments
YCMYTJ	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.
YDTNLU	Items 3 and 4 were also amplified using Minifiler. The results for Minifiler were concordant with the Globalfiler results.
YFZWZ7	NR = No Result. NT = Not Tested. KM testing done by bench examiner, reported out by DNA Analyst.
YMGKMV	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
YNQWHY	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.
YPPNMY	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
YVE3AK	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.
YZLBFA	1. Extraction: 1.1 Item 1 and Item 2 were extracted using in-situ method. 1.2 Bloodstains extraction on Item 3 and Item 4 were carried out using DNA Investigator Kit via QIAsymphony. 2. Quantification: Item 3 and Item 4 were quantified using Quantifiler Trio on QS5 RT- PCR. 3. Amplification on 9700 GeneAmp PCR System and Proflex PCR System (GlobalFiler Express): 3.1. Item 1 and Item 2 were amplified using GlobalFiler Express PCR amplification Kit. 3.2. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit. 3.3. Item 2 and Item 4 were amplified using YFiler PCR Amplification Kit. 4. Electrophoresis were carried out on Genetic Analyzer 3500xL. 5. Quality Control: Reagent blank, positive and negative control were incorporated through out analysis and all gave intended results. 6. NM indicate non-male profile.
Z4MUE9	NR = No results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
Z6CU9R	Casework reference analyst; not authorized to report conclusions. Serology, mito, and Y-STR not performed due to analyst not being authorized for serology, mito, or Y-STRs. Items 3 and 4 not processed.
ZA76KW	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
ZGAK3C	I did not perform mtDNA or Y-STR analysis as we do not have these technologies validated in the laboratory at this time.
ZMW2LU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ZRRP32	For Items 3 and 4, electropherograms were analyzed with stutter filters off in accordance with [Laboratory] policies. All called peaks (including stutter) were entered into the portal due to no interpretations being made.
ZXVY6N	The Databank Section does not use YSTRs, so they were not performed.
ZYKMQJ	NR = no typing results. NT = not tested.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 24-5705: Forensic Biology

DATA MUST BE SUBMITTED BY Nov. 04, 2024, 11:59 p.m. EST TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: QTUJVF

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 an assault case involving a female victim and male suspect. The victim was found severely beaten. She told police the suspect had punched her several times. The suspect has been apprehended. Police are submitting a stain from the pants the victim was wearing (Item 3) and a stain from the shirt the suspect was wearing at the time of arrest (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B5):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

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

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

Part I: SCREENING TESTS

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

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

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

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

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

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 Results for Known Item 2

- 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.).

Identifier® 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
2						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
2						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
2						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
2						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
2						

YSTR 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. Plus, 23, etc.).

YFiler™ PowerPlex® Y Other

Alleles below are sorted in Default order.

Part II (continued): DNA Results for Questioned Item 3

- 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™
 PowerPlex® Other Investigator® 24plex

Report the Probabilistic Genotyping Software Used (if applicable):

Did you perform a differential extraction of Item 3? YES NO

Alleles below are sorted in Default order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
3						
3 e						
3 sp						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
3						
3 e						
3 sp						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
3						
3 e						
3 sp						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
3						
3 e						
3 sp						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
3						
3 e						
3 sp						

YSTR 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. Plus, 23, etc.).

YFiler™ PowerPlex® Y Other

Did you perform a differential extraction of Item 3? YES NO

Alleles below are sorted in Default order.

Part II (continued): DNA Results for Questioned Item 4

- 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.).

Identifier® GlobalFiler™ Investigator® 24plex
 PowerPlex® Other

Report the Probabilistic Genotyping Software Used (if applicable):

Did you perform a differential extraction of Item 4? YES NO

Alleles below are sorted in Default order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
4						
4 e						
4 sp						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
4						
4 e						
4 sp						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
4						
4 e						
4 sp						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
4						
4 e						
4 sp						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
4						
4 e						
4 sp						

YSTR 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. Plus, 23, etc.).

YFiler™ PowerPlex® Y Other

Did you perform a differential extraction of Item 4? YES NO

Alleles below are sorted in Default order.

Part II (continued): DNA Analysis - Additional DNA

- Use this section to report results for loci not currently listed in other sections of the data sheet.
 - Report alleles in numerical order, separated by a comma.
 - If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].
 - Click "Add Row" to show another row of boxes for entry.

Did you perform a differential extraction of Item 3? Yes No

Did you perform a differential extraction of Item 4? Yes No

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:				
	Base Pair - Dev			
Deviations:				

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:				
	Base Pair - Dev			
Deviations:				

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		
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>

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

Part IV: ADDITIONAL COMMENTS

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

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

CTS submits external proficiency test data directly to 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)