



Forensic Biology Test No. 24-5706

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 305 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 - 3 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain on Item 4 was prepared using a mixture of human whole blood and semen. Item 1 (75 µL) was created using blood from a male donor. Item 2 (75 µL) and Item 3 (50 µL) were created using blood from the same female donor. Item 4 (50 µL) was created using a 1:1 mixture of blood from the female donor used in Item 2 and semen from a 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 October 14, 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	14,16 8,12 14,17 22,23 18,18	17,20 12,13 12,13 8,10 11	11,14 15,15 32,2,32,2 13,19 18	15,16 18,20 15,16 14,14 17	12,12 8,12 X,Y 8,9 2	*
2	13,15 10,12 15,15 26,26 14,15	19,21 13,14 12,14 9,11 NM	12,14 13,14 30,31 5,11 NM	15,16 18,23 15,16 21,2,22 NM	13,13 9,11 XX 6,7 NM	*
3	13,15 10,12 15,15 26,26 14,15	19,21 13,14 12,14 9,11 NM	12,14 13,14 30,31 5,11 NM	15,16 18,23 15,16 21,2,22 NM	13,13 9,11 XX 6,7 NM	*
4-Blood	13,15 10,12 15,15 26,26 14,15	19,21 13,14 12,14 9,11 NM	12,14 13,14 30,31 5,11 NM	15,16 18,23 15,16 21,2,22 NM	13,13 9,11 XX 6,7 NM	*
4-Semen	11,17,3 11,12 14,14 23,25 15,17	22,25 13,14 14,16 12,12 11	10,13 13,14 28,29 7,10 17	15,17 17,18 11,16 22,30,2 17	11,12 11,12 XY 9,9,3 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
1	36,37 15 38	14 13 12	13,14 12 13	13 19 18	29 30 17	25 15 22	11 15 23	13 10 11	13 22 12
4-Semen	35,36 15 37	15 12 12	12,15 13 12	12 19 17	28 29 17	24 16 20	11 17 23	13 11 10	13 22 11

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

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

Summary Comments

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 (75 µL) was created using blood from a male donor. Item 2 (75 µL) and Item 3 (50 µL) were created using blood from the same female donor. Item 4 (50 µL) was created using a 1:1 mixture of blood from the female donor used in Item 2 and semen from a male donor whose known standard was not provided. Refer to the Manufacturer's Information for preparation details.

Data were returned by 305 participants.

Screening Test Results

Screening results for body fluids were returned by a total of 284 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." The remaining participants reported "Positive."

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

DNA Analysis

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

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

DNA Interpretations

Of the 286 participants that returned DNA results, 271 reported DNA interpretations for one or both questioned stains. Eight participants selected the "No Interpretation" option for each conclusion, one did not respond, and six stated the samples were analyzed for database purposes only.

For Item 3, all but one participant excluded the victim (Item 1) and included the suspect (Item 2) as possible contributors to the stain. The remaining participant included the victim and excluded the suspect as possible contributors.

For Item 4, all but one participant excluded the victim (Item 1) and all but two included the suspect (Item 2) as possible contributors to the stain. Of the remaining participants, one included the victim and excluded the suspect as possible contributors, and one participant excluded the suspect as a contributor.

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
2A8ARP	Pos KM	Pos KM
2ALXQV	Pos KM, Seratec HemDirect	Pos KM, Seratec HemDirect
2BFNUN	Pos KM	Pos KM
2DACP6	Pos LMG	Pos LMG
2EZDJ8	Pos LMG	Pos LMG
2FD8WM	Pos KM	Pos KM
2G62XX	Pos KM	Pos KM
2JE7BL	Pos KM, HT	Pos KM, HT
2LEJTJ	Pos TMB	Pos TMB
2LH4KT	Pos KM	Pos KM
2QWGM2	Pos KM, HemaTrace	Pos KM, HemaTrace
2RNHQ6	Pos KM, HemaTrace	Pos KM
2T28RV	Pos KM, Seratec HemDirect	Pos KM, Seratec Hemdirect
2UVXVP	Pos KM	Pos KM
2V9PQR	Pos KM, HemaTrace	Pos KM, HemaTrace
2YMZ4V	Pos Hemastix (TMB) and HemaTrace	Pos Hemastix (TMB) and HemaTrace
32AQE8	Pos SERATEC HEM DIRECT	Pos SERATEC HEM DIRECT
38HURZ	Pos KM, TMB	Pos KM, TMB
38YLMJ	Pos KM / Combur (TMB)	Pos KM / Combur (TMB)
39U4PK	Pos KM	Pos KM
3A29V2	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
3N3KQZ	Pos KM, TMB	Pos KM, TMB
3PGEFT	Pos KM, HemaTrace	Pos KM, HemaTrace
3XMJ44	Pos LMG	Pos LMG
3Y9XWM	Pos O-tol, HemaTrace	Pos O-tol
42MH63	Pos LMG, HemaTrace	Pos LMG, HemaTrace
44FDUW	Pos KM	Pos KM
4AXEW9	Pos KM, HemaTrace	Pos KM, HemaTrace
4LCC4W	Pos KM	Pos KM
4RZW8D	Pos TMB	Pos TMB
4U8BDJ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
4VDV2J	Pos KM	Pos KM
4VZ6FT	Pos KM, HEM	Pos KM, HEM
67E9Q6	Pos Luminol	Pos Luminol
67G93J	Pos KM	Pos KM
6CHKWV	Pos Luminol, KM, Hemdirect	Pos KM
6F7WXL	Pos KM	Pos KM
6H633Y	Pos KM, HemaTrace	Pos KM, HemaTrace
6YTQHF	Pos TMB, RSID	Pos TMB, RSID
6YWBPAP	Pos O-tol	Pos O-tol
6Z4PEB	Pos KM, HemDirect	Pos KM, HemDirect
6Z8KD4	Pos FOB	Pos FOB
73TNL2	Pos LMG, HemaTrace	Pos LMG, HemaTrace
778J2X	Pos KM	Pos KM
7GD4NZ	Pos LMG	Pos LMG
7KCFKZ	Pos LMG, HemaTrace	Pos LMG HemaTrace
7PL9NP	Pos O-tol	Pos O-tol
7QHNWF	Pos KM, Combur (TMB),	Pos KM, Combur (TMB)
836BG2	Pos LMG	Pos LMG
84FC6K	Pos KM	Pos KM
84FET4	Pos KM	Pos KM
89UQ9T	Pos LMG, HemaTrace	Pos LMG, HemaTrace
8JUHGK	Pos KM	Pos KM
8N7VAY	Pos LMG, HemaTrace	Pos LMG, HemaTrace
8QXRYT	Pos KM	Pos KM
8R8A6W	Pos KM, HemaTrace	Pos KM, HemaTrace
94VTZD	Pos Kastle Meyer, ABACard HemaTrace	Pos Kastle Meyer, ABACard HemaTrace
96QC2E	Pos LMG	Pos LMG
9FNHTR	Pos KM	Pos KM
9JCR6E	Pos KM	Pos KM
9JNQZN	Pos Hemastix (TMB), HemaTrace	Pos Hemastix (TMB), HemaTrace
9MB32E	Pos KM	Pos KM
9PFVQ7	Pos KM	Pos KM
9R48RX	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9URBDW	Pos FOB	Pos FOB
9Y2YZR	Pos KM	Pos KM
A6493D	Pos KM, HemaTrace	Pos KM, HemaTrace
A6LGUT	Pos KM, HemaTrace	Pos KM, HemaTrace
A977HC	Pos KM	Pos KM
AH9QFY	Pos LMG, HemaTrace	Pos LMG
AM764N	Pos KM, Hem	Pos KM, Hem
ANY2QW	Pos LMG	Pos LMG
AQ6JQD	Pos LMG	Pos LMG
ARKKVZ	Pos KM	Pos KM
AUAJ3Q	Pos KM, HemaTrace	Pos KM, HemaTrace
AVYNVX	Pos KM, HemaTrace	Pos KM, HemaTrace
AZPRBZ	Pos PPTH, O-tol, hemdirect	Pos PPTH, O-tol, hemdirect
B2MT4T	Pos KM, ABAcard HT	Pos KM, ABAcard HT
B8UQLQ	Pos Luminol, KM	Pos Luminol, KM
BBU3HQ	Pos KM, Luminol	Pos KM, Luminol
BJJTZC	Pos KM	Pos KM
BKFTVP	Pos Hemastix	Pos Hemastix
BWBE9R	Pos KM, HemaTrace	Pos KM, HemaTrace
C39L3L	Pos KM, HEM	Pos KM, HEM
C3R8YH	Pos O-tol	Pos O-tol
CEKWRW	Pos LMG	Pos LMG
CEMLWU	Pos KM	Pos KM
CHLWUE	Pos KM	Pos KM
CKQMWN	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
CL8GZJ	Pos O-tol	Pos O-tol, HemeDirect
CW7CXE	Pos KM	Pos KM
CZ7NUE	Pos KM	Pos KM
D4Z4JD	Pos KM	Pos KM
D6Q6KU	Pos LMG, HemaTrace	Pos LMG
DBYYTR	Pos HemaTrace	Pos HemaTrace
DTJP RR	Pos KM	Pos KM
DZ3TYU	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DZGR2B	Pos KM	Pos KM
E72YTM	Pos O-tol, Hemdirect	Pos O-tol, Hemdirect
EAKJMB	Pos O-tol	Pos O-tol
EC84RE	Pos KM	Pos KM
EEWWGP	Pos KM	Pos KM
EFAAKL	Pos KM	Pos KM
EHEYNV	Pos BLUESTAR® OBTI	Pos BLUESTAR® OBTI
EKMMAT	Pos LMG	Pos LMG
EMQF7C	Pos KM	Pos KM
EXNH7Z	Pos KM	Pos KM
F4AVH8	Pos KM	Pos KM
F7W8LJ	Pos KM	Pos KM
F96MTP	Pos KM	Pos KM
FC4XNP	Pos KM	Pos KM
FDXLA7	Pos KM	Pos KM
FP8R9U	Pos RSID	Pos RSID
FPRZ8H	Pos KM, HEM	Pos KM, HEM
FRFC99	Pos KM	Pos KM
FZAG2A	Pos PTMB	Pos PTMB
G7GARY	Pos KM	Pos KM
G8779K	Pos KM, HemaTrace	Pos KM, HemaTrace
G9HDJL	Pos KM, HemaTrace	Pos KM, HemaTrace
GBPTRD	Pos HemaTrace	Pos HemaTrace
GGF2D7	Pos LMG	Pos LMG
GMZ768	Pos KM	Pos KM
GRXMKL	Pos KM, HemaTrace	Pos KM, HemaTrace
GVFCWR	Pos OT, PMB	Pos OT, PMB
HB6C94	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
HE8DBL	Pos KM, HemaTrace	Pos KM
HGVKW4	Pos KM	Pos KM
HJVKLM	Pos Peroxtesmo, RSID Blood	Pos Peroxtesmo, RSID Blood
HL3DPE	Pos KM, Hemdirect	Pos KM, Hemdirect
HQGTGQ	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HR9CCK	Pos KM, TMB	Pos KM, TMB
HTJDXJ	Pos KM, HemaTrace	Pos KM, HemaTrace
HY97GQ	Pos LMG	Pos LMG
J2BNQ7	Pos KM	Pos KM
J4PWMY	Pos KM, RSID	Pos KM, RSID
J6VDEP	Pos KM	Pos KM
J9CX26	Pos O-tol, HTR	Pos O-tol, HTR
JBYH7A	Pos KM, HemaTrace	Pos KM, Hemtrace
JBYKTT	Pos KM	Pos KM
JCUZ9B	Pos KM	Pos KM
JD8RWL	Pos KM, HemaTrace	Pos KM
JEK4YW	Pos KM	Pos KM
JLHUHL	Pos KM	Pos KM
JLXD46	Pos O-tol	Pos O-tol
JQEFAA	Pos KM	Pos KM
JQR827	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
JRTEJK	Pos KM	Pos KM
JUBWCP	Pos KM	Pos KM
JUER8A	Pos KM, HemaTrace	Pos KM, HemaTrace
JVM2Y8	Pos KM	Pos KM
JWZDZX	Pos KM, HB	Pos KM, HB
JY646R	Pos KM	Pos KM
K4WRX4	Pos KM	Pos KM
K73DQA	Pos KM, LMG	Pos KM, LMG
K7K42F	Pos KM	Pos KM
K9CTBH	Pos KM, TMB	Pos KM, TMB
KA3UEK	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
KBGV67	Pos LMG	Pos LMG
KDMD7M	Pos LMG	Pos LMG
KEHW8N	Pos LMG	Pos LMG
KGH823	Pos KM	Pos KM
KLC2Y6	Pos KM	Pos KM
KN6VZE	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KUBL67	Pos KM	Pos KM
KWX7BA	Pos KM	Pos KM
L4CBKL	Pos LMG, HemaTrace	Pos LMG
L7EATU	Pos KM	Pos KM
L9QGAN	Pos Hem-Check	Pos Hem-Check
LAFHX4	Pos KM	Pos KM
LGEYCF	Pos KM, HemaTrace	Pos KM, HemaTrace
LLU832	Pos KM	Pos KM
LPRJMM	Pos KM	Pos KM
LVWPD4	Pos PTMB	Pos PTMB
M3X7LN	Pos HemDirect	Pos HemDirect
M7XEQY	Pos hHb	Pos hHb
MM2EUF	Pos KM	Pos KM
MQZH8Z	Pos KM	Pos KM
MXJQUB	Pos KM	Pos KM
MZBKT2	Pos KM	Pos KM
N4QGWG	Pos KM, HemaTrace	Pos KM
N6XYTR	Pos KM, HemDirect	Pos KM, HemDirect
N782JW	Pos KM	Pos KM
N83KKY	Pos LMG, HemaTrace	Pos LMG
NCYEUF	Pos KM, HemaTrace	Pos KM, HemaTrace
NDQ8CX	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
NL7QXH	Pos KM, HemaTrace	Pos KM
NUY27R	Pos KM, HemDirect	Pos KM, HemDirect
NYRQGC	Pos Hemastix	Pos Hemastix
P4HUWE	Pos KM	Pos KM
P4XDGC	Pos KM, HemaTrace	Pos KM, HemaTrace
P9CQJK	Pos KM	Pos KM
PHZCHB	Pos Hemastix	Pos Hemastix
PJVVKC	Pos O-tol, Seratec PMB Card	Pos O-tol, Seratec PMB Card
PMVC7Y	Pos O-tol	Pos O-tol
PMY29B	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
PPY8P3	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PRP9T6	Pos O-tol	Pos O-tol
PW2GUA	Pos KM	Pos KM
PZC4YT	Pos KM, RSID	Pos KM, RSID
Q3K42K	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
Q4WJUZ	Pos KM	Pos KM
Q68N8N	Pos KM	Pos KM
QAHTKA	Pos KM	Pos KM
QCRJAD	Pos KM	Pos KM
QGJFQB	Pos KM, TMB	Pos KM, TMB
QJ6U2J	Pos KM	Pos KM
QNMW9P	Pos KM	Pos KM
R28QY9	Pos KM	Pos KM
RBR3D8	Pos KM, Hem	Pos KM, Hem
RFJW2E	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RGJAVF	Pos LMG	Pos LMG
RGXW3W	Pos KM	Pos KM
RHBTQ9	Pos Hemastix	Pos Hemastix
RHETXG	Pos LMG	Pos LMG
RKX6DX	Pos KM	Pos KM
RLD37X	Pos O-tol	Pos O-tol, HemaTrace
RNJPJ3	Pos HemaTrace	Pos HemaTrace
RPC8BA	Pos KM, TMB	Pos KM, TMB
RPUYMF	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
RQPHNG	Pos KM	Pos KM
RU3KBD	Pos LMG , HEMDIRECT	Pos LMG, HEMDIRECT
RWB687	Pos KM, Hem	Pos KM, HEM
RYYJWF	Pos LMG	Pos LMG
T3VM3T	Pos KM	Pos KM
T63ZKV	Pos O-tol	Pos O-tol
T8PLDH	Pos KM, HemaTrace	Pos KM, HemaTrace
TBM3PC	Pos KM, HemaTrace	Pos KM
TDB6L8	Pos Hemastix	Pos Hemastix
THATC8	Pos IR Light, Luminol, KM	Pos IR Light, Luminol, KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
TLMQJU	Pos KM	Pos KM
TNYBQH	Pos O-tol, HemDirect	Pos O-tol, HemDirect
TWTDWZ	Pos KM	Pos KM
U6GNJ2	Pos KM	Pos KM
U6Z6QB	Pos KM	Pos KM
UAV7YW	Pos KM	Pos KM
UFVBJ9	Pos KM, HemaTrace	Pos KM, HemaTrace
UGB8WL	Pos O-tol	Pos O-tol
UK9N9F	Pos KM	Pos KM
UKVWK6	Pos KM	Pos KM
UYBKKA	Pos KM	Pos KM
V3QEZ7	Pos KM	Pos KM
V9B8Y6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
V9WGAU	Pos O-tol	Pos O-tol
VKL8L6	Pos Hemastix	Pos Hemastix
VNARZ2	Pos KM, HEM	Pos KM, HEM
VRQGY6	Pos KM	Pos KM
W4GB8T	Pos KM	Pos KM
W72M2B	Pos LMG, HemaTrace	Pos LMG, HemaTrace
WBUJDZ	Pos KM, Seratec	Pos KM, Seratec
WFP9VT	Pos O-tol	Pos O-tol
WPFVNA	Pos LMG	Pos LMG
WTFDE7	Pos KM, TMB	Pos KM, TMB
WU9V36	Pos KM, HemaTrace	Pos KM, HemaTrace
WWVF9A	Pos KM	Pos KM
X3JGRZ	Pos KM, HemaTrace	Pos KM, HemaTrace
X8AR2X	Pos LMG	Pos LMG
X978AN	Pos KM / HemaTrace	Pos KM / HemaTrace
XC76D9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XD3WU3	Pos KM	Pos KM
XJLL84	Pos KM; HemaTrace	Pos KM; HemaTrace
XPA8D6	Pos KM, TMB	Pos KM, TMB
XULEEA	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XVHR23	Pos KM Test	Pos KM test
XZCNN8	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XZRNPP	Pos KM	Pos KM
Y2H4JX	Pos KM, HEM	Pos KM, HEM
YB8U46	Pos KM, HemDirect	Pos KM, HemDirect
YBRZEB	Pos H-stix	Pos H-stix
YDARCC	Pos KM, HemaTrace	Pos KM, HemaTrace
YFL87C	Pos KM, HemaTrace	Pos KM, HemaTrace
YGGHV8	Pos LMG, HemaTrace	Pos LMG, HemaTrace
YGWCHF	Pos KM	Pos KM
YHTMF4	Pos KM, HemDirect	Pos KM, HemDirect
YJ33ZC	Pos Hemastix	Pos Hemastix
Z3BC6L	Pos LMG, HemaTrace	Pos LMG, HemaTrace
Z8PWAM	Pos KM, HemDirect	Pos KM, HemDirect
Z9VCKY	Pos KM	Pos KM
ZFWWKA	Pos KM	Pos KM
ZJX3F3	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
ZKTDYN	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
ZNTWD4	Pos KM, HemaTrace	Pos KM, HemaTrace
ZQ2JXF	Pos KM	Pos KM

Table 1a: Serology Screening Response Summary - Blood

Participants: 282

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	282	282
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
22UH2Q	Neg AP, p30, Micro for Sperm	Pos AP, p30, Micro for Sperm
2A8ARP	Neg AP, Micro	Pos AP, Micro
2ALXQV	Neg AP	Pos AP, Micro
2BFNUN	Neg AP	Pos AP, Micro
2DACF6	Neg ALS, AP	Pos ALS, AP, PSA
2EZDJ8	Neg ALS, AP	Pos ALS, AP, Micro
2FD8WM	Neg ALS, AP	Pos ALS, AP, Micro
2JE7BL	Neg AP, Micro, PSA	Pos AP, Micro, PSA
2LEJTJ	Neg MicroSCOPY, AP	Pos MicroSCOPY
2LH4KT	Neg AP, Micro, PSA	Pos AP, Micro, PSA
2QWGM2	Neg AP, Seratec	Pos AP, Seratec, Micro
2RNHQ6	Neg AP	Pos AP, Micro, PSA
2T28RV	Neg AP	Pos AP, Micro
2UVXVP	Neg AP, Micro	Pos AP, Micro
2V9PQR	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
2YMZ4V	Neg ALS and AP	Pos AP, ALS, Micro, p30
32AQE8	Neg SERATEC PSA	Pos SERATEC PSA
38HURZ	Neg AP	Pos AP
38YLMJ	Neg AP, PSA	Pos AP, PSA, Micro
39U4PK	Neg AP	Pos AP, Micro
3A29V2	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
3N3KQZ	Neg AP	Pos AP
3PGEFT	Neg ALS, AP, Micro	Pos ALS, AP, Micro
3XMJ44	Neg ALS, AP	Inc ALS, AP
3Y9XWM	Neg AP	Pos AP, Micro, PSA
42MH63	Neg AP, PSA, Micro, ALS	Pos AP, PSA, Micro
44FDUW	Neg ALS, AP	Pos ALS, AP, Micro
4AXEW9	Neg AP, Micro, PSA	Pos AP, Micro
4LCC4W	Neg AP	Pos AP, PSA, Micro
4RZW8D	Neg ALS, AP	Pos ALS, AP, PSA, KPIC
4U8BDJ	Neg AP	Pos AP
4VDV2J	NT	Pos ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
4VZ6FT	Neg AP	Pos AP, Micro
67E9Q6		Pos Brentamine
67G93J	Neg ALS, Micro, PSA	Pos ALS, Micro
6CHKVV	Neg ALS, AP	Pos ALS, AP, Micro
6F7WXL	Neg AP, Micro	Pos AP, Micro
6H633Y	Neg PSA, Micro	Pos PSA, Micro
6YTQHF	Neg AP, RSID	Pos AP, RSID
6YWBPAP	Neg AP	Pos AP, PSA, Micro
6Z4PEB	Neg AP	Pos AP, Micro, PSA
6Z8KD4	Neg PSA, RSID Semen	Pos PSA, RSID Semen
73TNL2	Neg AP	Pos AP, PSA, Micro
778J2X	Neg ALS, AP	Pos ALS, AP, Micro
7GD4NZ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
7KCFKZ	Neg AP, PSA, Micro for Sperm	Pos AP, PSA, Micro for Sperm
7PL9NP	Neg AP	Pos AP, Micro, PSA
7QHNWF	Neg AP, PSA	Pos AP, PSA
836BG2	Neg AP, Micro	Pos AP, Micro
84FC6K	Neg AP, ALS, Micro	Pos AP, ALS, Micro
89UQ9T	Neg AP, Micro	Pos AP, Micro, PSA
8JUHGK	Neg AP, Micro	Pos AP, Micro
8N7VAY	Neg AP, p30, Micro	Pos AP, p30, Micro
8QXR YT	Neg ALS, AP	Pos ALS, AP, Micro
8R8A6W	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
94VTZD	Neg ABACard p30	Pos ABACard p30, Micro Sperm search
96QC2E	Neg AP	Pos AP, PSA
9FNHTR	Neg AP	Pos AP, Micro
9JCR6E	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
9JNQZN	Neg ALS, AP	Pos ALS, AP, PSA, Micro
9MB32E	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
9PFVQ7	Neg Micro	Pos Micro
9R48RX	Neg AP	Pos AP, Micro
9URBDW	Neg PSA	Pos PSA
9Y2YZR	Neg ALS, AP, Micro	Pos ALS, AP, Micro
A6493D	Neg ALS, AP	Pos ALS, AP, RSID, Microscopy

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
A6LGUT	Neg AP, Seratec	Pos AP, Seratec, Micro
A977HC	Neg AP	Pos AP, PSA, Micro
AH9QFY	Neg ALS, AP	Pos ALS, AP, Micro, PSA
AKGARV	Neg PSA	Pos PSA
AM764N	Neg AP	Pos AP, Microscopic
ANY2QW	Neg ALS, AP	Pos ALS, AP, PSA
AQ6JQD	Neg AP	Pos AP, PSA
ARKKVZ	Neg AP, Micro, ALS	Pos AP, Micro, ALS
AUAJ3Q	Neg ALS, AP, Micro	Pos ALS, AP, Micro
AVYNVX	Neg AP, PSA, Micro	Pos AP, PSA, Micro
AZPRBZ	Neg AP, Micro	Pos AP, Micro
B2MT4T	Neg AP, ABACard p30, Micro	Pos AP, ABACard p30, Micro
B8UQLQ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
BBU3HQ	Neg ALS, AP	Pos ALS, AP, Micro
BJJTZC	Neg AP, PSA	Pos AP, PSA, Micro
BKFTVP	Neg AP	Pos AP
BWBE9R	Neg AP, Seratec	Pos AP, Seratec, Micro
C39L3L	Neg AP	Pos AP, Micro
C3R8YH	Neg AP	Pos AP, Micro
CEKWRW	Neg ALS, AP, Micro	Pos ALS, AP, Micro
CEMLWU	NT	Pos AP, Micro, PSA
CHLWUE	Neg AP, Micro	Pos AP, Micro
CKQMWN	Neg AP	Pos AP
CL8GZJ	Neg ALS, AP	Pos ALS, AP, Micro
CW7CXE	Neg AP, Micro	Pos AP, Micro
CZ7NUE	Neg AP, Micro	Pos AP, Micro
D4Z4JD	Neg AP, Micro	Pos AP, Micro
D6Q6KU	Neg AP, ALS	Pos AP, Micro, PSA, ALS
DBYYTR	Neg AP	Pos RSID, PSA, Sperm-Hyliter
DTJP RR	Neg ALS, AP, Micro	Pos ALS, AP, Micro
DZ3TYU	Neg AP, PSA, Micro	Pos AP, PSA, Micro
DZGR2B	Neg ALS, AP	Pos ALS, AP, Micro
E72YTM	Neg AP, PSA, Micro	Pos AP, PSA, Micro
EAKJMB	Neg AP, PSA	Pos AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
EC84RE	Neg AP, PSA, Micro	Pos AP, PSA, Micro
EEWWGP	Neg ALS, AP, Micro	Pos ALS, AP, Micro
EFAAKL	Neg ALS, AP	Pos ALS, AP, Micro
EHEYNV	Neg Seratec PSA Semiquant	Pos Seratec PSA Semiquant
EKMMAT	Neg AP	Pos AP, Micro
EMQF7C	Neg AP, Micro, p30	Pos AP, Micro, p30
EXNH7Z	Neg Micro	Pos Micro
F4AVH8	Neg ALS, AP	Pos ALS, AP, Micro
F7W8LJ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
F96MTP	Neg AP	Pos AP, Micro, PSA
FC4XNP	Neg AP, PSA, Micro	Pos AP, PSA, Micro
FDXLA7	Neg AP, PSA, Micro	Pos AP, PSA, Micro
FP8R9U	NT	Pos RSID
FPRZ8H	Neg AP	Pos AP, Micro
FRFC99	Neg ALS, Micro, PSA	Pos ALS, Micro
FZAG2A	Neg AP	Pos AP, Micro
G7GARY	Neg Micro	Pos Micro
G8779K	Neg AP, Micro	Pos AP, Micro
G9HDJL	Neg AP, Seratec	Pos AP, Seratec, Micro
GBPTRD	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
GGF2D7	Neg AP	Pos AP, PSA
GMZ768	Neg ALS, AP	Pos ALS, AP, Micro
GRXMKL	Neg AP, Seratec	Pos AP, Seratec, Micro
GVFCWR	Neg AP, p30	Pos AP, p30, Micro
HB6C94	Neg AP, PSA	Pos AP, Micro, PSA
HE8DBL	Neg AP	Pos AP, PSA, Micro
HGVKW4	Neg PSA	Pos PSA
HJVKLM	Neg Phosphatespo, RSID Semen, PSA	Pos Phosphatespo, RSID Semen, PSA
HL3DPE	Neg AP	Pos AP, Micro
HQGTGQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
HR9CCK	Neg AP	Pos AP
HTJDXJ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
HY97GQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
J2BNQ7	Neg AP	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
J4PWMY	Neg AP	Pos AP, Micro
J6VDEP	Neg AP, Micro, PSA	Pos AP, Micro, PSA
J9CX26	Neg AP	Pos AP, PSA, Micro
JBYH7A	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
JCUZ9B	Neg AP	Pos AP, p30, Microscope slide
JD8RWL	Neg AP	Pos AP, Micro, PSA
JEK4YW	Neg Micro	Pos Micro
JLHUHL	Neg AP, Micro, PSA	Pos AP, Micro, PSA
JLXD46	Neg ALS, AP, Micro	Pos ALS, AP, Micro
JQEFBA	Neg AP, Micro for Sperm	Pos AP, Micro for Sperm
JQR827	Neg AP	Pos AP, PSA
JRTEJK	Neg ALS, AP	Pos ALS, AP, PSA, Micro
JUBWCP	Neg AP	Pos AP, Micro
JUER8A	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
JVM2Y8	Neg AP, Micro, p30	Pos AP, Micro, p30
JWZDZX	Neg AP	Pos AP, Micro, PSA
JY646R	Neg AP, Micro	Pos AP, Micro
K4WRX4	Neg ALS, AP	Pos ALS, AP, Micro
K73DQA	Neg ALS, AP, PSA, Micro	Pos AP, PSA, Micro
K7K42F	Neg ALS, AP, Micro	Pos ALS, AP, Micro
K9CTBH	Neg AP	Pos AP
KBGV67	Neg ALS, AP	Pos ALS, AP, PSA
KDMD7M	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
KEHW8N	Neg AP	Pos AP, Micro
KGH823	Neg AP	Pos AP, Micro
KLC2Y6	Neg ALS, AP	Pos ALS, AP, Micro
KUBL67	Neg AP, Micro	Pos AP, Micro, p30
KWX7BA	Neg AP, Micro	Pos AP, Micro
L4CBKL	Neg ALS, AP, Micro	Pos ALS, AP, Micro, p30
L7EATU	Neg Micro	Pos Micro
L9QGAN	Neg PSA Semiquant	Pos PSA Semiquant
LAFHX4	Neg ALS, AP	Pos ALS, AP, Micro
LGEYCF	Neg AP, Seratec, Micro	Pos AP, Seratec, Micro
LLU832	Neg PSA	Pos PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LPRJMM	Neg AP	Pos AP, Micro
LVWPD4	Neg AP	Pos AP, Micro
M7XEQY	Neg AP, PSA, Micro	Pos AP, PSA, Micro
MM2EUF	Neg AP	Pos AP, Micro, PSA
MQZH8Z	Neg ALS, Micro, PSA	Pos ALS, Micro
MZBKT2	Neg ALS, Micro, PSA	Pos ALS, Micro
N4QGWG	Neg AP	Pos AP, Micro, PSA
N6XYTR	Neg AP	Pos AP, Micro, PSA
N782JW	Neg PSA	Pos PSA
N83KKY	Neg AP	Pos AP, RSID, Micro
NCYEUF	Neg PSA, Micro	Pos PSA, Micro
NDQ8CX	Neg AP, PSA	Pos AP, PSA, Microscopy-Sperm
NL7QXH	Neg AP	Pos AP, PSA, Micro
NUY27R	Neg AP	Pos AP, Micro, PSA
NYRQGC	NT	Pos AP
P4HUWE	Neg AP	Pos AP, Micro, PSA
P4XDGC	Neg AP, Seratec	Pos AP, Seratec, Micro
P9CQJK	Neg AP, Micro	Pos AP, Micro
PHZCHB	Neg AP	Pos AP
PJVVKC	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro
PMVC7Y	Neg AP, ALS	Pos AP, Micro, ALS
PMY29B	Neg AP	Pos AP, Micro
PPY8P3	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
PRP9T6	Neg AP	Pos AP, Micro
PZC4YT	Neg AP	Pos AP, Micro
Q3K42K	Neg AP	Pos AP, PSA, Micro
Q4WJUZ	Neg AP	Pos AP, Micro
Q68N8N	Neg Micro	Pos Micro
QAHTKA	Neg AP	Pos AP, PSA, Micro
QCRJAD	Neg AP	Pos AP, PSA, Micro
QGJFQB	Neg AP	Pos AP
QJ6U2J	Neg AP, Micro	Pos AP, Micro
QNMW9P	Neg Micro	Pos Micro
R28QY9	Neg AP	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RBR3D8	Neg AP	Pos AP, Micro
RFJW2E	Neg AP, Micro, PSA	Pos AP, Micro, PSA
RGJAVF	Neg ALS, AP	Pos ALS, AP
RGXW3W	Neg ALS, AP	Pos ALS, AP, Micro
RHBTQ9	Neg AP	Pos AP
RHETXG	Neg AP	Pos AP, Micro
RKX6DX	Neg AP, Micro	Pos AP, Micro
RLD37X	Neg AP	Pos AP, PSA, Micro
RNJPJ3	NT	Pos ALS, AP, PSA, Micro
RPC8BA	Neg AP	Pos AP
RPUYMF	Neg AP	Pos AP, p30, Micro
RQPHNG	Neg AP	Pos AP, Micro
RU3KBD	Neg AP, SLIDE H&E , PSA	Pos AP, SLIDE H&E +H , PSA
RWB687	Neg AP	Pos AP, Micro
RYYJWF	Neg AP	Pos AP, Micro
T3VM3T	NT	Pos ALS, AP, PSA, Micro
T63ZKV	Neg AP, ALS	Pos AP, Micro, ALS
T8PLDH	Neg AP, p30, Micro	Pos AP, p30, Micro
TBM3PC	Neg AP	Pos AP, Micro, PSA
TDB6L8	Neg AP, ALS	Pos AP, ALS
THATC8	Neg ALS, AP, Micro	Pos ALS, AP, Micro
TLMQJU	Neg ALS, Micro, PSA	Pos ALS, Micro
TNYBQH	Neg ALS, AP, PSA	Pos ALS, AP, PSA
TWTDWZ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
U6GNJ2	Neg Micro, AP	Pos Micro, AP
U6Z6QB	Neg AP, Micro	Pos AP, Micro
UAV7YW	Neg AP, Micro	Pos AP, Micro
UFVBJ9	Neg PSA, Micro	Pos PSA, Micro
UGB8WL	Neg AP	Pos AP, Micro
UK9N9F	Neg AP, Micro	Pos AP, Micro
UYBKKA	Neg ALS, AP	Pos ALS, AP, Micro, PSA
V3QEZ7	Neg AP	Pos AP, Microscopy
V9B8Y6	Neg AP, Micro, PSA	Pos AP, Micro, PSA
V9WGAU	Neg AP/ALS	Pos AP/ALS/PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
VKL8L6	Neg AP	Pos AP
VNARZ2	Neg AP	Pos AP, Micro
VRQGY6	Neg AP, PSA, Micro	Pos AP, PSA, Micro
W4GB8T	Neg ALS, AP	Pos ALS, AP, Micro
W72M2B	Neg AP, PSA, Micro	Pos AP, PSA, Micro
WBUJDZ	Neg AP	Pos AP, Micro
WFP9VT	Neg AP	Pos AP, PSA
WPFVNA	Neg ALS, AP	Pos ALS, AP, PSA
WTFDE7	Neg AP	Pos AP
WU9V36	Neg AP, Seratec	Pos AP, Seratec, Micro
WWVF9A	Neg AP, p30, Micro	Pos AP, p30, Micro
X3JGRZ	Neg AP, Casework Direct	Pos AP, Casework Direct, Micro
X8AR2X	Neg AP	Pos AP, Micro
X978AN	Neg ALS / AP	Pos ALS / AP / RSID / Microscopy
XC76D9	Neg AP, PSA, Micro	Pos AP, PSA, Micro
XJLL84	Neg ALS; AP; Micro	Pos ALS; AP; Micro
XPA8D6	Neg AP	Pos AP
XULEEA	Neg AP	Neg AP
XVHR23	Neg ALS, AP Test	Pos ALS, AP Test, Micro
XZCNN8	Neg AP, PSA, Micro	Pos AP, PSA, Micro
XZRNPP	Neg AP	Pos AP, Micro
Y2H4JX	Neg AP	Pos AP, Micro
YB8U46	Neg AP, Micro	Pos AP, Micro
YBRZEB		Pos Brentamine (AP)
YDARCC	NT	Pos AP, PSA, Micro
YFL87C	Neg AP, Micro, ABACardp30	Pos AP, Micro, ABACardp30
YGGHV8	Neg AP, PSA, Micro, ALS	Pos AP, PSA, Micro, ALS
YGWCHF	Neg Micro	Pos Micro
YHTMF4	Neg AP, Micro	Pos AP, Micro
YJ33ZC		Pos AP
Z3BC6L	Neg AP	Pos AP, RSID
Z8PWAM	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
ZFVWKA	Neg AP, Micro	Pos AP, Micro
ZJX3F3	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZKTDYN	Neg AP	Pos AP, PSA, Micro
ZNTWD4	Neg PSA, Micro	Pos PSA, Micro
ZQ2JXF	Neg Micro	Pos Micro

Table 1b: Serology Screening Response Summary - Semen

Participants: 273

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	271
Negative	263	1
Inconclusive	0	1

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
2JE7BL	Neg Phadebas	Neg Phadebas
2RNHQ6	NT	Neg RSID Saliva
32AQE8	Neg SERATEC AMY	Neg SERATEC AMY
38YLMJ	Neg Phadebas	Neg Phadebas
39U4PK	Neg Phadebas	Neg Phadebas
3A29V2	Neg RSID	Neg RSID
3Y9XWM	Neg RSID	NT
4AXEW9	Neg SALIgAE, Micro	Neg SALIgAE, Micro
6H633Y	Neg RSID	Neg RSID
6YTQHF	Neg RSID	Neg RSID
6Z8KD4	Neg RSID Saliva	Neg RSID Saliva
7KCFKZ	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
7QHNWF	Neg Phadebas (Amylase)	Neg Phadebas (amlyase)
8R8A6W	Neg ALS, Phadebas	Neg ALS, Phadebas
96QC2E	Neg RSID	Neg RSID
9JCR6E	Neg Amylase test	Neg Amylase test
9MB32E	Neg Amylase test	Neg Amylase test
9URBDW	Neg RSID	Neg RSID
9Y2YZR	Neg ALS, Phadebas	Neg ALS, Phadebas
AQ6JQD	Neg RSID Saliva	Neg RSID Saliva
ARKKVZ	Neg RSID	Neg RSID
B2MT4T	Neg Phadebas	Neg Phadebas
B8UQLQ	Neg Amylase Diffusion	Neg Amylase Diffusion
CEMLWU	NT	Neg RSID
DBYYTR	Neg Phadebas	Neg RSID
E72YTM	Neg Amylase Seratec Card	Neg Amylase Seratec Card
EAKJMB	Neg RSID	Neg RSID
EHEYNV	Neg Seratec Amylase Test	Neg Seratec Amylase Test
F7W8LJ	Neg ALS, Phadebas	Neg ALS, Phadebas
FC4XNP	Neg RSID	Neg RSID
FDXLA7	Neg RSID	Neg RSID
GGF2D7	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
GVFCWR	Neg RSID	Neg RSID
HB6C94	Neg Phadebas	Neg Phadebas
HE8DBL	Neg Phadebas	Neg Phadebas
HGVKW4	Neg RSID	Neg RSID
HJVKLM	Neg RSID Saliva	Neg RSID Saliva
J9CX26	Neg RSID-Saliva	Neg RSID-Saliva
JCUZ9B	NT	Neg Phadebas
JD8RWL	Neg RSID-Saliva	Neg RSID-Saliva
JQR827	Neg RSID Saliva	NT
JY646R	Neg RSID	Neg RSID
K73DQA	Neg SALIgAE	Neg SALIgAE
K7K42F	Neg Phadebas	Neg Phadebas
L9QGAN	Neg RSID Saliva	Neg RSID Saliva
LLU832	Neg RSID	Neg RSID
N4QGWG	Neg RSID Saliva	Neg RSID Saliva
N782JW	Neg RSID	Neg RSID
N83KKY	Neg RSID	Neg RSID
NCYEUF	Neg RSID	Neg RSID
NDQ8CX	Neg Phadebas	Neg Phadebas
NL7QXH	Neg RSID	Neg RSID
P4HUWE	Neg Phadebas, RSID Saliva	Neg Phadebas, RSID Saliva
P9CQJK	Neg RSID	Neg RSID
PJVVKC	Neg Seratec Amylase Card	Neg Seratec Amylase Card
PMY29B	Neg RSID	Neg RSID
QCRJAD	NT	Neg RSID
QJ6U2J	Neg RSID	Neg RSID
T3VM3T	Neg ALS, RSID	Neg RSID
T8PLDH	Neg SALIgAE, Micro	Neg SALIgAE, Micro
TBM3PC	Neg RSID Saliva	Neg RSID Saliva
THATC8	Neg Amylase Diffusion	Neg Amylase Diffusion
TWTDWZ	Neg Phadebas	Neg Phadebas
UFVBJ9	Neg RSID	Neg RSID
UK9N9F	Neg RSID	Neg RSID
V9WGAU	NT	Neg RSID-Saliva

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
WFP9VT	Neg RSID-Saliva	Neg RSID-Saliva
XZCNN8	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
YB8U46	Neg RSID Saliva	Neg RSID Saliva
YDARCC	NT	Neg SALIgAE
YFL87C	Neg SALIgAE	Neg SALIgAE
YHTMF4	Neg RSID Saliva	Neg RSID Saliva
Z3BC6L	Neg RSID	Neg RSID
ZFWVKA	Neg RSID	Neg RSID
ZJX3F3	Neg Seratec Amylase	Neg Seratec Amylase
ZKTDYN	Neg RSID	Neg RSID
ZNTWD4	Neg RSID	Neg RSID

Table 1c: Serology Screening Response Summary - Saliva

Participants: 77

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	71	75
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
2ALXQV	Pos Y-Screening	Pos Y-Screening
2JE7BL	Pos Quant trio	Pos Quant trio
2RNHQ6	Pos HemaTrace, Powerquant	Pos Powerquant
2T28RV	Pos Casework Direct	Pos Casework Direct
32AQE8	Pos SERATEC HEM DIRECT	Pos SERATEC HEM DIRECT
38YLMJ	Pos Quant Trio	Pos Quant Trio
39U4PK	Pos PowerQuant	Pos PowerQuant
3Y9XWM	Pos HemaTrace	Pos PSA
4AXEW9	Pos HemaTrace	Pos HemaTrace
4VZ6FT	Pos CWD	Pos CWD
6CHKWV	Pos Hemdirect	NT
7GD4NZ	Pos Quant Trio	Pos Quant Trio
7KCFKZ	Pos Quant TRIO, HemaTrace	Pos Quant TRIO, HemaTrace
7QHNWF	Pos Quantifiler Trio	Pos Quantifiler Trio
9JCR6E	Pos HemaTrace	Pos HemaTrace
9MB32E	Pos HemaTrace	Pos HemaTrace
9Y2YZR	Pos Quant Trio	Pos Quant Trio
AH9QFY	Pos HemaTrace	NT
AKGARV	Pos PPF/Y23 profiling	Pos PPF/Y23 profiling
AM764N	Pos	Pos
ANY2QW	Pos RSID-Blood	Pos RSID-Blood
B2MT4T	Pos ABACard HT	Pos ABACard HT
B8UQLQ	Pos HemDirect	NT
BBU3HQ	Pos HemDirect	NT
C39L3L	Pos	Pos
CEMLWU	Pos PowerQuant	Pos PowerQuant
CKQMWN	Pos Quant	Pos Quant
D6Q6KU	Pos HemaTrace	NT

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
E72YTM	Pos Hemidirect	Pos Hemidirect
EAKJMB	Pos HTR	Pos HTR
F7W8LJ	Pos Quantifiler Trio Kit	Pos Quantifiler Trio Kit
FDXLA7	Pos PowerQuant	Pos PowerQuant
FP8R9U	Pos RSID	Pos RSID
FPRZ8H	Pos	Pos
GVFCWR	Pos	Pos
HB6C94	Pos Quant Trio	Pos Quant Trio
HE8DBL	Pos HemaTrace, PowerQuant	Pos PowerQuant
HGVKW4	Pos PowerQuant	Pos PowerQuant
HL3DPE	Pos Casework direct	Pos Casework direct
J4PWMY	Pos	Pos
J9CX26	Pos HTR	Pos HTR, PSA
JD8RWL	Pos HemaTrace, PowerQuant	Pos PowerQuant
JLUHUL	Pos PowerQuant	Pos PowerQuant
JQR827	Pos HemaTrace	Pos HemaTrace
K7K42F	Pos QuantTrio	Pos QuantTrio
L4CBKL	Pos HemaTrace	NT
LLU832	Pos PowerQuant	Pos PowerQuant
M7XEQY	Pos hHb	Pos hHb
N4QGWG	Pos PowerQuant, HemaTrace	Pos PowerQuant
N782JW	Pos PowerQuant	Pos PowerQuant
NDQ8CX	Pos Quant Trio	Pos Quant Trio
NL7QXH	Pos HemaTrace, PowerQuant	Pos PowerQuant
P4HUWE	Pos PowerQuant	Pos PowerQuant
PJVVKC	Pos Seratec PMB Card	Pos Seratec PMB Card
PMY29B	Pos Quant	Pos Quant
PZC4YT	Pos	Pos
QCRJAD	Pos PowerQuant	Pos PowerQuant
RBR3D8	Pos PCR	Pos PCR

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
RWB687	Pos CWD	Pos CWD
T3VM3T	Pos PowerQuant	Pos PowerQuant
T8PLDH	Pos HemaTrace	Pos HemaTrace
TBM3PC	Pos HemaTrace, PowerQuant	Pos PowerQuant
THATC8	Pos HemDirect	NT
V3QEZ7	Pos HemaTrace	Pos HemaTrace
V9WGAU	Pos HemaTrace	Pos HemaTrace
VNARZ2	Pos PCR	Pos PCR
WBUJDZ	Pos CWD	Pos CWD
WFP9VT	Pos HemaTrace	Pos HemaTrace
WWVF9A	Pos Powerquant	Pos Powerquant
X3JGRZ	Pos	Pos
XZCNN8	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
Y2H4JX	Pos PCR	Pos PCR
YDARCC	Pos HemaTrace	Pos HemaTrace
YFL87C	Pos HemaTrace	Pos HemaTrace
YGGHV8	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
Z3BC6L	Pos HemaTrace	Pos HemaTrace
Z8PWAM	Pos HemDirect	Pos HemDirect
ZJX3F3	Pos Seratec PMB	Pos Seratec PMB

Table 1d: Serology Screening Response Summary - Human OriginParticipants: **78**

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	78	71
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
2ALXQV	Neg Y-Screening	Pos Y-Screening
2EZDJ8	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
2JE7BL	Neg Quant trio	Pos Quant trio
2T28RV	Neg Casework Direct	Pos Casework Direct
38YLMJ	Neg Quant Trio	Pos Quant Trio
39U4PK	Neg PowerQuant	Pos PowerQuant
3A29V2	Neg PowerQuant	Pos PowerQuant
4LCC4W	Neg TRIO	Pos TRIO
4VZ6FT	Neg CWD	Pos CWD
6H633Y	Neg	Pos
7GD4NZ	Neg Quant Trio	Pos Quant Trio
7KCFKZ	Neg Quant TRIO	Pos Quant TRIO
7QHNWF	Neg Quantifiler Trio	Pos Quantifiler Trio
836BG2	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
89UQ9T	NT	Pos Quant Trio
9FNHTR	Neg TRIO	Pos TRIO
A6493D	Neg Quant Trio	Pos Quant Trio
AH9QFY	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
AKGARV	Pos Y23/Amelogenin	Pos Y23/Amelogenin
AM764N	Neg	Pos
C39L3L	Neg	Pos
CEKWRW	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
D6Q6KU	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
EKMMAT	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
FPRZ8H	Neg	Pos
GVFCWR	Neg	Pos
HB6C94	Neg Quant Trio	Pos Quant Trio
HL3DPE	Neg Casework direct	Pos Casework direct
HQGTGQ	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
HY97GQ	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
J4P威MY	Neg	Pos
J9CX26	Neg PowerQuant	Pos PowerQuant
JCUZ9B	NT	Pos NaOH lysis
JQR827	Pos Yfiler	Pos Yfiler
KA3UEK	Neg Powerquant	Pos Powerquant

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
KDMD7M	Neg Investigator Quantiplex Pro QPCR	Pos Investigator Quantiplex Pro QPCR
KEHW8N	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
L4CBKL	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
NCYEUF	Neg Y-Screening	Pos Y-Screening
NDQ8CX	Neg Quant Trio	Pos Quant Trio
NUY27R	Neg Promega Casework Direct Kit	Pos Promega Casework Direct Kit
PMY29B	Neg Quant	Pos Quant
PZC4YT	Neg	Pos
QAHTKA	Neg Trio	Pos Trio
R28QY9	Neg TRIO	Pos TRIO
RBR3D8	Neg PCR	Pos PCR
RHETXG	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
RWB687	Neg CWD	Pos CWD
TWTDWZ	Neg NaOH lysis	Pos NaOH lysis
UFVBJ9	Neg	Pos
UGB8WL	Neg Y-Screen	Pos Y-Screen
V9B8Y6	Neg Quant Trio	Pos Quant Trio
V9WGAU	NT	Pos
VNARZ2	Neg PCR	Pos PCR
VRQGY6	Neg TRIO	Pos TRIO
WBUJDZ	Neg CWD	Pos CWD
WFP9VT	Neg PowerQuant	Pos PowerQuant
X3JGRZ	Neg	Pos
X978AN	Neg Quant trio	Pos Quant trio
XZCNN8	Neg Quant Trio	Pos Quant Trio
Y2H4JX	Neg PCR	Pos PCR
YGGHV8	Neg Quant Trio	Pos Quant Trio
ZNTWD4	Neg PowerQuant	Pos PowerQuant

Table 1e: Serology Screening Response Summary - Y Screening

Participants: 63

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	2	63
Negative	58	0
Inconclusive	0	0

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results		Item 4
	Item 3	Item 4	
67E9Q6	Observation for visible hair	Neg	Observation for visible hair Neg
K73DQA			Neg ALS
PJVVKC	Menstrual Blood	Neg Seratec PMB Card	Menstrual Blood Neg Seratec PMB Card
YBRZEB			High Friction Pos Swabbing
ZJX3F3	Menstrual Blood	Neg Seratec PMB	Menstrual Blood Neg Seratec PMB

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						
22UH2Q	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
2A8ARP	GlobalFiler™					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
2BFNUN	PowerPlex® Fusion 6C					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
2Dacf6	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
2EzDJ8	GlobalFiler™ Express					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
2FD8WM	PowerPlex® Fusion 6C Direct					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	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 1 - STR Results						
2G62XX	GlobalFiler™	(STRmix)				
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
2JE7BL	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
2LEJTJ	PowerPlex® 21					
1	14,16	17,20		15,16	12,12	11,12
	8,12	12,13		18,20	8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23	8,10	13,19		8,9	8,10
	18,18					
2LH4KT	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
2QWGM2	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
2RNHQ6	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
2UVXVP	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	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 1 - STR Results						
2V9PQR	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
2YMZ4V	Investigator® 24plex GO! (TrueAllele)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
32AQE8	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
38HURZ	Investigator® 24plex					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
38YLMJ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
39U4PK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
3A29V2	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	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 1 - STR Results

3N3KQZ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
3PGEFT	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
3XMJ44	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
3Y9XWM	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
42MH63	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
44FDUW	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
4AXEW9	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	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 1 - STR Results						
4KVEBX	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
4LCC4W	Investigator® 24plex QS					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
4RZW8D	PowerPlex® Fusion 6C, GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18,18	11	18	17	2	
4U8BDJ	Investigator® 24plex QS Kit					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
4VDV2J	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
67E9Q6	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
67G93J	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
6CHKV	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
6F7WXL	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
6H633Y	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
6YTQHF	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
6YWBAP	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
6Z4PEB	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
6Z8KD4	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 1 - STR Results					
73TNL2	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
778J2X	Investigator® 24plex QS (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11				
77C9D4	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
7GD4NZ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
7KCFKZ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	NT
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	NT	NT	14,14	8,9	8,10
	18,18	11	NT	NT	2	
7PL9NP	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
7QHNWF	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
836BG2	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
84FC6K	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
89UQ9T	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
8JUHGK	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
8N7VAY	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
8QXRYT	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
94VTZD	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	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						
96QC2E	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
9FNHTR	Investigator® 24plex QS					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
9JCR6E	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
9JNQZN	Investigator® 24plex GO!					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
9MB32E	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
9PFVQ7	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
9R48RX	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	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 1 - STR Results						
9URBDW	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
9Y2YZR	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
A6493D	PowerPlex® 21 (STRmix)					
1	14,16	17,20		15,16	12,12	11,12
	8,12	12,13		18,20	8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23	8,10	13,19		8,9	8,10
	18,18					
A6LGUT	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
A977HC	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
AH9QFY	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
AKGARV	PowerPlex® Fusion 5C					
1	14,16	17,20	11,14	15,16	12	--
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	--	8,9	8,10
	18	11	--	--	--	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
ANY2QW	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
AQ6JQD	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
ARKKVZ	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
AUAJ3Q	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
AVYNVX	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
AZPRBZ	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18,18	11	18	17		
B2MT4T	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

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						
B8UQLQ	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
BBU3HQ	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
BJJTZC	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
BKFTVP	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
BWBE9R	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
C3R8YH	Investigator® 24plex					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
CEKWRW	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

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						
CEMLWU	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
CHLWUE	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
CKQMWN	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
CL8GZJ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
CW7CXE	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
CZ7NUE	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
D4Z4JD	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
D6Q6KU	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
DB6JPN	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
DBYYTR	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
DTJP RR	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
DZ3TYU	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
DZGR2B	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
E72YTM	GlobalFiler™ (BulletProof Sentry)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

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						
EAKJMB	Identifiler® Plus (GeneMapper ID-X 1.6)	17,20		15,16	12,12	
1	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
EC84RE	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
EEWWGP	Investigator® 24plex QS (STRmix)					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11				
EFAAKL	GlobalFiler™ Express					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
EHEYNV	NGM SElect					
	14,16	17,20	11,14	15,16		
1		12,13	15	18,20		11,14
	14,17	12,13	32.2	15,16	X,Y	
	22,23			14	8,9	
	18					
EKMMAT	GlobalFiler™ Express					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
EMQF7C	GlobalFiler™					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
EXNH7Z	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
F4AVH8	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
F7W8LJ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
F96MTP	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
FC4XNP	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
FDXLA7	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
FP8R9U	PowerPlex® 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	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 1 - STR Results						
FZAG2A	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
G7GARY	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
G8779K	PowerPlex® 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
G9HDJL	GlobalFiler™ Express (STRmix)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
GBPTRD	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
GF47VK	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
GGF2D7	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
GMZ768	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
GRXMKL	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
GVFCWR	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
HB6C94	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
HE8DBL	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
HGVKW4	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
HJVKLM	GlobalFiler™ (GeneMapper ID-X 1.5)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
HQGTGQ	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
HR9CCK	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
HTJDXJ	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
HY97GQ	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
J2BNQ7	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
J4PWMY	GlobalFiler™ (Euroformix)					
1	14,15	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
J6VDEP	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
J9CX26	Identifiler® Plus					
		17,20		15,16	12,12	
1	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
JBYH7A	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
JCUZ9B	GlobalFiler™					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
JD8RWL	PowerPlex® Fusion 6C					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
JLHUHL	PowerPlex® Fusion 6C					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
JLXD46	PowerPlex® Fusion 5C					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19		8,9	8,10
	18	11				
JQEFBA	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
JQR827	Identifiler®					
		17,20		15,16	12,12	
1	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
JRTEJK	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
JUBWCP	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
JUER8A	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
JVM2Y8	GlobalFiler™					
	14,16	17,20	11,14	15,16	12,12	
1	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
JWZDZX	PowerPlex® Fusion 6C, FlexPlex					
	14,16	17,20	11,14	15,16	12	11,12
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
JY646R	GlobalFiler™					
	14,16	17,20	11,14	15,16	12	
1	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
K4WRX4	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
K73DQA	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
K7K42F	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
K9CTBH	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
KA3UEK	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
KBGV67	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
KDMD7M	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

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						
KEHW8N	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
KGH823	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
KLC2Y6	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
KN6VZE	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
KUBL67	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
KWX7BA	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
L4CBKL	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
L7EATU	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
L9QGAN	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
LAFHX4	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
LGEYCF	GlobalFiler™ Express (STRmix)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
LLU832	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
LPRJMM	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
LVWPD4	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

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						
M3X7LN	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
M7XEQY	GlobalFiler™ Express (LRLMix Studio)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
MM2EUF	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
MQZH8Z	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
MXJQUB	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
MZBKT2	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
N4QGWG	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	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						
N6XYTR	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
N782JW	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
N83KKY	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
NCYEUF	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
NDQ8CX	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
NHNNQC	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
NL7QXH	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	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 1 - STR Results

NW6LVD	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
NYRQGC	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
NZ4XRD	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
P4HUWE	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
P4XDGC	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
P9CQJK	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
PHZCHB	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
PJVVKC	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
PMVC7Y	PowerPlex® Fusion 5C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19		8,9	8,10
	18	11				
PMY29B	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
PPY8P3	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
PRP9T6	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
PW2GUA	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
PZC4YT	GlobalFiler™ (Euroformix)					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
Q3K42K	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
Q4WJUZ	PowerPlex® 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
Q68N8N	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
QAHTKA	Investigator® 24plex QS					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
QCRJAD	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
QGJFQB	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
QJ6U2J	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

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						
QNMW9P	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
R28QY9	Investigator® 24plex QS					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
RFJW2E	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
RGJAVF	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
RGXW3W	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
RHBTQ9	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
RHETXG	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
RKX6DX	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
RLD37X	Identifier® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
RNJPJ3	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
RPC8BA	Investigator® 24plex					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
RPUYMF	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	Not tested
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	Not tested	Not tested	14,14	8,9	8,10
	18,18	11	Not tested	Not tested	2	
RQPHNG	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
RU3KBD	PowerPlex®					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	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 1 - STR Results						
RYYJWF	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
T3VM3T	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
T63ZKV	PowerPlex® Fusion 5C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19		8,9	8,10
	18	11				
T8PLDH	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
TBM3PC	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
TDB6L8	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
THATC8	GlobalFiler™ Express (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
TNYBQH	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
TWTDWZ	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
U6GNJ2	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
U6Z6QB	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
UAV7YW	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
UFVBJ9	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
UGB8WL	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	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						
UK9N9F	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
UKVWK6	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
UYBKKA	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
V3QEZ7	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
V9B8Y6	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
V9WGAU	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
VKL8L6	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
	Item 1 - STR Results					
VRQGY6	Investigator® 24plex QS					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11				
W4GB8T	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
W72M2B	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
WFP9VT	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
WPVFNA	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
WTFDE7	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
WU9V36	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
WWWF9A	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14,14	8,9	8,10
	18,18	11	18	17		
X8AR2X	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
X978AN	PowerPlex® 21					
1	14,16	17,20		15,16	12,12	11,12
	8,12	12,13		18,20	8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23	8,10	13,19		8,9	8,10
	18,18					
XC76D9	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
XD3WU3	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
XJLL84	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
XPA8D6	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
XULEEA	GlobalFiler™ Xpress					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
XVHR23	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
XZCNN8	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
XZRNPP	PowerPlex® Fusion 6C Direct					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
YB8U46	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
YBRZEB	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18				2	
YDARCC	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	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 1 - STR Results						
YFL87C	PowerPlex® Fusion 6C					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23	8,10	13,19	14	8,9	8,10
	18	11	18	17		
YGGHV8	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
YGWCHF	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
YHRVJG	GlobalFiler™ Express					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
YHTMF4	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
YJ33ZC	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18					
Z3BC6L	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 1 - STR Results						
Z8PWAM	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
Z9VCKY	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	
ZFWWKA	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
ZJX3F3	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
ZKTDYN	Identifiler® Plus					
1		17,20		15,16	12,12	
	8,12	12,13			8,12	11,14
	14,17	12,13	32.2,32.2		X,Y	10,12
	22,23				8,9	8,10
	18,18				2	
ZNTWD4	GlobalFiler™					
1	14,16	17,20	11,14	15,16	12	
	8,12	12,13	15	18,20	8,12	11,14
	14,17	12,13	32.2	15,16	X,Y	10,12
	22,23			14	8,9	8,10
	18	11			2	
ZXFMJ9	GlobalFiler™ (STRmix)					
1	14,16	17,20	11,14	15,16	12,12	
	8,12	12,13	15,15	18,20	8,12	11,14
	14,17	12,13	32.2,32.2	15,16	X,Y	10,12
	22,23			14,14	8,9	8,10
	18,18	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
22UH2Q	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2A8ARP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
2BFNUN	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
2Dacf6	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2EzDJ8	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2FD8WM	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
2G62XX	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
2JE7BL	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2LEJTJ	PowerPlex® 21					
	13,15	19,21		15,16	13,13	12,19
2	10,12	13,14		18,23	9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26	9,11	5,11		6,7	8,8
	14,15					
2LH4KT	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
2QWGM2	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
2RNHQ6	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
2UVXVP	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
2V9PQR	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
2YMZ4V	Investigator® 24plex GO! (TrueAllele)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	no result				
32AQE8	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
38HURZ	Investigator® 24plex					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR				
38YLMJ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
39U4PK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
3A29V2	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
3N3KQZ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	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						
3PGEFT	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
3XMJ44	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
3Y9XWM	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
42MH63	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
44FDUW	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
4AXEW9	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
4KVEBX	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
4LCC4W	Investigator® 24plex QS					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
4RZW8D	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
4U8BDJ	Investigator® 24plex QS Kit					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
4VDV2J	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
67E9Q6	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
67G93J	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
6CHKVV	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
6F7WXL	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
6H633Y	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
6YTQHF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
6YWBAP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
6Z4PEB	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NID	NID	NID		
6Z8KD4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
73TNL2	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	N/R			N/R	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
778J2X	Investigator® 24plex QS (STRmix)					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
77C9D4	GlobalFiler™ (STRmix)					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	N/A			N/A	
7GD4NZ	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
7KCFKZ	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13,13	NT
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	NT	NT	21,2,22	6,7	8,8
	14,15	NR	NT	NT	NR	
7PL9NP	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
7QHNWF	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
836BG2	GlobalFiler™ Express					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
84FC6K	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
89UQ9T	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
8JUHGK	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
8N7VAY	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
8QXRYT	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
94VTZD	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
96QC2E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
9FNHTR	Investigator® 24plex QS					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9JCR6E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9JNQZN	Investigator® 24plex GO!					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9MB32E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9PFVQ7	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
9R48RX	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
9URBDW	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
9Y2YZR	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	No Results			No Results	
A6493D	PowerPlex® 21 (STRmix)					
	13,15	19,21		15,16	13,13	12,19
2	10,12	13,14		18,23	9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26	9,11	5,11		6,7	8,8
	14,15					
A6LGUT	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
A977HC	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
AH9QFY	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
AKGARV	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	--
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	--	6,7	8
	14,15	--	--	--	--	
ANY2QW	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
AQ6JQD	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
ARKKVZ	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
AUAJ3Q	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
AVYNVX	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	No results			No results	
AZPRBZ	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
B2MT4T	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
B8UQLQ	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
BBU3HQ	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
BJJTZC	GlobalFiler™ Express (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
BKFTVP	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
BWBE9R	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
C3R8YH	Investigator® 24plex (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR				
CEKWRW	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
CEMLWU	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
CHLWUE	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
CKQMWN	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
CL8GZJ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
CW7CXE	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
CZ7NUE	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
D4Z4JD	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
D6Q6KU	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
DB6JPN	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
DBYYTR	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
DTJP RR	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
DZ3TYU	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
DZGR2B	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
E72YTM	GlobalFiler™ (BulletProof Sentry)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
EAKJMB	Identifiler® Plus (GeneMapper ID-X 1.6)					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
EC84RE	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
EEWWGP	Investigator® 24plex QS (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
EFAAKL	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
EHEYNV	NGM SElect					
	13,15	19,21	12,14	15,16		
2		13,14	13,14	18,23		12
	15	12,14	30,31	15,16	X	
	26			21,2,22	6,7	
	14,15					
EKMMAT	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
EMQF7C	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
EXNH7Z	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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 2 - STR Results						
F4AVH8	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
F7W8LJ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	No Results			No Results	
F96MTP	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FC4XNP	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FDXLA7	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FP8R9U	PowerPlex® 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FZAG2A	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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 2 - STR Results						
G7GARY	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
G8779K	PowerPlex® 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
G9HDJL	GlobalFiler™ Express (STRmix)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
GBPTRD	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
GF47VK	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
GGF2D7	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
GMZ768	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
GRXMKL	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
GVFCWR	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
HB6C94	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
HE8DBL	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
HGVKW4	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
HJVKLM	GlobalFiler™ (GeneMapper ID-X 1.5)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
HQGTGQ	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
HR9CCK	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
HTJDXJ	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
HY97GQ	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
J2BNQ7	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
J4PWMY	GlobalFiler™ (Euroformix)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
J6VDEP	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
J9CX26	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
JBYH7A	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
JCUZ9B	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
JD8RWL	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
JLHUHL	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
JLXD46	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11		6,7	8
	14,15	NT				
JQEFBA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
JQR827	Identifiler®					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
JRTEJK	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
JUBWCP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
JUER8A	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
JVM2Y8	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
JWZDZX	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NID	NID	NID		
JY646R	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
K4WRX4	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
K73DQA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
K7K42F	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	No Results			No Results	
K9CTBH	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
KA3UEK	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
KBGV67	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
KDMD7M	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
KEHW8N	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
KGH823	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
KLC2Y6	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
KN6VZE	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
KUBL67	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
KWX7BA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
L4CBKL	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
L7EATU	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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 2 - STR Results						
L9QGAN	PowerPlex® Fusion 6C					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
LAFHX4	PowerPlex® Fusion 6C Direct					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
LGEYCF	GlobalFiler™ Express (STRmix)					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
LLU832	PowerPlex® Fusion 6C					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
LPRJMM	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
LVWPD4	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	-			-	
M3X7LN	PowerPlex® Fusion 6C					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
M7XEQY	GlobalFiler™ Express (LRMix Studio)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NA			NA	
MM2EUF	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
MQZH8Z	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
MXJQUB	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
MZBKT2	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
N4QGWG	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
N6XYTR	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	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 2 - STR Results						
N782JW	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
N83KKY	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
NCYEUF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
NDQ8CX	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
NHNNQC	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
NL7QXH	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
NW6LVD	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
NYRQGC	GlobalFiler™ Express					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
NZ4XRD	GlobalFiler™ Express					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
P4HUWE	PowerPlex® Fusion 6C					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
P4XDGC	GlobalFiler™ Express (STRmix)					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
P9CQJK	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PHZCHB	GlobalFiler™ Express					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PJVVKC	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
PMVC7Y	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11		6,7	8
	14,15	NT				
PMY29B	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PPY8P3	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
PRP9T6	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PW2GUA	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
PZC4YT	GlobalFiler™ (Euroformix)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
Q3K42K	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
Q4WJUZ	PowerPlex® 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
Q68N8N	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
QAHTKA	Investigator® 24plex QS					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
QCRJAD	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
QGJFQB	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11		6,7	8
	14,15	NR				
QJ6U2J	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
QNMW9P	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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 2 - STR Results						
R28QY9	Investigator® 24plex QS					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RFJW2E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	No results			No results	
RGJAVF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RGXW3W	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
RHBTQ9	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RHETXG	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RKX6DX	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
RLD37X	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
RNJPJ3	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RPC8BA	Investigator® 24plex					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR				
RPUYMF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	Not tested
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	Not tested	Not tested	21,2,22	6,7	8,8
	14,15	No result	Not tested	Not tested	No result	
RQPHNG	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RU3KBD	PowerPlex®					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
RYYJWF	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
T3VM3T	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
T63ZKV	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,[16]	X	11,12
	26	9,11	5,11		6,7	8
	14,15	NT				
T8PLDH	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
TBM3PC	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
TDB6L8	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
THATC8	GlobalFiler™ Express (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
TNYBQH	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
TWTDWZ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
U6GNJ2	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
U6Z6QB	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
UAV7YW	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
UFVBJ9	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
UGB8WL	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
UK9N9F	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
UKVWK6	GlobalFiler™ (STRmix)					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
UYBKKA	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
V3QEZ7	PowerPlex® Fusion 6C					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15	-	-	-		
V9B8Y6	GlobalFiler™					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
V9WGAU	Identifiler® Plus					
2	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
VKL8L6	GlobalFiler™ Express					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
VRQGY6	Investigator® 24plex QS					
2	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
W4GB8T	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
W72M2B	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
WFP9VT	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
WPVFNA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
WTFDE7	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
WU9V36	GlobalFiler™ Express (STRmix)					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
WWVF9A	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
X8AR2X	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
X978AN	PowerPlex® 21					
	13,15	19,21		15,16	13,13	12,19
2	10,12	13,14		18,23	9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26	9,11	5,11		6,7	8,8
	14,15					
XC76D9	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	No Results			No Results	
XD3WU3	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
XJLL84	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
XPA8D6	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
XULEEA	GlobalFiler™ Xpress					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	--			--	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
XVHR23	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
XZCNN8	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
XZRNPP	PowerPlex® Fusion 6C Direct					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
YB8U46	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
YBRZEB	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
YDARCC	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
YFL87C	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 2 - STR Results						
YGGHV8	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	ND			ND	
YGWCHF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
YHRVJG	GlobalFiler™ Express					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
YHTMF4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
YJ33ZC	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
Z3BC6L	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
Z8PWAM	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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 2 - STR Results						
Z9VCKY	GlobalFiler™ (STRMix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
ZFVWKA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
ZJX3F3	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
ZKTDYN	Identifiler® Plus					
		19,21		15,16	13,13	
2	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
ZNTWD4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
2	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
ZXFMJ9	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
2	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	n/a			n/a	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
22UH2Q	GlobalFiler™ (STRmix v2.4)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26			20,21,21,2,22	5,6,7	7,8
	13,14,15					
2A8ARP	GlobalFiler™ (STRMix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
2BFNUN	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
2DACP6	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2EZDJ8	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2FD8WM	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
2G62XX	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
2JE7BL	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
2LEJTJ	PowerPlex® 21					
	13,15	19,21		15,16	13,13	12,19
3	10,12	13,14		18,23	9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26	9,11	5,11		6,7	8,8
	14,15					
2LH4KT	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
2QWGM2	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
2RNHQ6	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
2UVXVP	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
2V9PQR	GlobalFiler™ (STRmix 2.8)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13,14	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26,27			20,2,21,21,2,22	6,7	7,8
	13,14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
2YMZ4V	Investigator® 24plex QS (TrueAllele)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	no result				
32AQE8	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
38HURZ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR				
38YLMJ	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
39U4PK	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
3A29V2	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
3N3KQZ	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	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						
3PGEFT	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
3XMJ44	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
3Y9XWM	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
42MH63	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
44FDUW	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
4AXEW9	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,21,2,22	6,7	8
	14,15					
4LCC4W	Investigator® 24plex QS (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
4RZW8D	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
4U8BDJ	Investigator® 24plex QS Kit					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
4VDV2J	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
67E9Q6	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
67G93J	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
6CHKVV	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
6F7WXL	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
6H633Y	GlobalFiler™ (STRmix v2.6.3)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
6YTQHF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
6YWBAP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
6Z4PEB	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NID	NID	NID		
6Z8KD4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
73TNL2	GlobalFiler™ (STRmix)					
	12,13,14,15,16	18,19,20,21	11,12,13,14	14,15,16	12,13,14	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12,13
	14,15,16	11,12,13,14	29,30,31	14,15,16,17	X,X	10,11,12
	25,26,27			20,2,21,2,22	5,6,7	7,8
	13,14,15	N/R			N/R	
778J2X	Investigator® 24plex QS					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
77C9D4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	N/A			N/A	
7GD4NZ	GlobalFiler™ (STRmix v2.4.06)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
7KCFKZ	GlobalFiler™ (STRmix v2.4.06)					
	13,15	19,21	12,14	15,16	13,13	NT
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	NT	NT	21,2,22	6,7	8,8
	14,15	NR	NT	NT	NR	
7PL9NP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
7QHNWF	Identifiler® Plus (STRmix v 2.10.0)					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
836BG2	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
84FC6K	GlobalFiler™ (STRmix 2.8)					
	12,13,14,15	18,19,20,21	11,12,13,14,15	14,15,16	12,13,14	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	24,25,26,27			20,2,21,21,2,22	5,6,7	7,8
	13,14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
89UQ9T	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
8JUHGK	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
8N7VAY	GlobalFiler™ (STRmix v2.4)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X,X	10,11,12
	25,26,27			20,2,21,21,2,22	5,6,7	7,8
	13,14,15	NR			NR	
8QXRYT	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
94VTZD	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
96QC2E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9FNHTR	Investigator® 24plex QS (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
9JCR6E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9JNQZN	Investigator® 24plex QS					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9MB32E	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
9PFVQ7	GlobalFiler™ (STRmix v2.5)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
9R48RX	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
9URBDW	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
9Y2YZR	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	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						
A6493D	PowerPlex® 21 (STRmix)					
	13,15	19,21		15,16	13,13	12,19
3	10,12	13,14		18,23	9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26	9,11	5,11		6,7	8,8
	14,15					
A6LGUT	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
A977HC	PowerPlex® Fusion 6C (STRMix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
AH9QFY	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
AKGARV	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	--
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	--	6,7	8
	14,15	--	--	--	--	
ANY2QW	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
AQ6JQD	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
ARKKVZ	GlobalFiler™ (STRmix)					
3	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26			20,21,21,2,22	6,7	8
	13,14,15					
AUAJ3Q	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
AVYNVX	GlobalFiler™ (STRmix v2.8)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	No results			No results	
AZPRBZ	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
B2MT4T	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
B8UQLQ	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
BBU3HQ	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
BJJTZC	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
BKFTVP	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
BWBE9R	GlobalFiler™, MiniFiler					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
C3R8YH	Investigator® 24plex (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR				
CEKWRW	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
CEMLWU	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
CHLWUE	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
CKQMWN	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
CL8GZJ	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
CW7CXE	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
CZ7NUE	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
D4Z4JD	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
D6Q6KU	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
DBYYTR	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
DTJP RR	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
DZ3TYU	GlobalFiler™ (STRmix)					
3	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13,14	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12,13
	14,15	11,12,13,14	29,30,31	14,15,16,17	X,X	10,11,12
	25,26,27			20,2,21,21,2,22	5,6,7	7,8
	13,14,15	NR			NR	
DZGR2B	PowerPlex® Fusion 6C (STRMIX)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
E72YTM	GlobalFiler™ (BulletProof Sentry)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
EAKJMB	Identifiler® Plus (GeneMapper ID-X 1.6)					
3	19,21			15,16	13,13	
	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
EC84RE	GlobalFiler™ (STRmix 2.8)					
3	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13,14	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	24,25,26,27			20,2,21,21,2,22,23	6,7	7,8
	13,14,15					
EEWWGP	Investigator® 24plex QS (STRmix)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
EFAAKL	GlobalFiler™					
3	13,15 10,12 15 26	19,21 13,14 12,14 14,15	12,14 13,14 30,31	15,16 18,23 15,16 21,2,22	13 9,11 X,X 6,7	12 11,12 8
EHEYNV	NGM SElect					
3	13,15 13,14 15 26	19,21 13,14 12,14 14,15	12,14 13,14 30,31	15,16 18,23 15,16 21,2,22		12
EKMMAT	GlobalFiler™ (STRmix)					
3	13,15 10,12 15 26	19,21 13,14 12,14 14,15	12,14 13,14 30,31	15,16 18,23 15,16 21,2,22	13 9,11 X 6,7	12 11,12 8
EMQF7C	GlobalFiler™ (STRmix V2.5.11)					
3	13,15 10,12 15,15 26,26	19,21 13,14 12,14 26,26	12,14 13,14 30,31	15,16 18,23 15,16 21,2,22	13,13 9,11 X,X 6,7	12,12 11,12 8,8
EXNH7Z	GlobalFiler™ (STRmix v2.5)					
3	13,15 10,12 15,15 26,26	19,21 13,14 12,14 14,15	12,14 13,14 30,31	15,16 18,23 15,16 21,2,22	13,13 9,11 X,X 6,7	12,12 11,12 8,8
F4AVH8	PowerPlex® Fusion 6C (STRmix)					
3	13,15 10,12 15 26	19,21 13,14 12,14 9,11	12,14 13,14 30,31 5,11	15,16 18,23 15,16 21,2,22	13 9,11 X 6,7	12 11,12 8
F7W8LJ	GlobalFiler™					
3	13,15 10,12 15 26	19,21 13,14 12,14 14,15	12,14 13,14 30,31	15,16 18,23 15,16 21,2,22	13 9,11 X 6,7	12 11,12 8
		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					
F96MTP	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FC4XNP	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FDXL A7	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FP8R9U	PowerPlex® 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FZAG2A	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
G7GARY	GlobalFiler™ (STRmix v2.5)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
G8779K	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	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						
G9HDJL	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
GBPTRD	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
GGF2D7	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
GMZ768	PowerPlex® Fusion 6C (STRmix)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
GRXMKL	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
GVFCWR	GlobalFiler™ (STRMIX)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
HB6C94	Identifiler® Plus					
3		19,21		15,16	13,13	
	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
HE8DBL	PowerPlex® Fusion 6C (STRmix v2.8)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
HGVKW4	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
HJVKLM	GlobalFiler™ (GeneMapper ID-X 1.5)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
HQGTGQ	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
HR9CCK	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
HTJDXJ	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
HY97GQ	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
J2BNQ7	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
J4PWMY	GlobalFiler™ (Euroformix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
J6VDEP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
JBYH7A	GlobalFiler™ (STRmix 2.8)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	24,25,26,27			20,2,21,21,2,22	5,6,7	7,8
	13,14,15					
JCUZ9B	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
JD8RWL	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
JLHUHL	PowerPlex® Fusion 6C (STRMix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
JLXD46	PowerPlex® Fusion 5C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11		6,7	8
	14,15	NT				
JQEFBA	GlobalFiler™ (STRmix 2.8)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	24,25,26,27			20,21,21,2,22	5,6,7	7,8
	13,14,15					
JQR827	Identifiler®					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
JRTEJK	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
JUBWCP	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
JUER8A	GlobalFiler™ (STRmix 2.8)					
	12,13,14,15,16	18,19,20,21	11,12,13,14,15	14,15,16	11,12,13,14	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	24,25,26,27			20,20,2,21,21,2,22,22 .2,23	5,6,7	7,8
	13,14,15					
JVM2Y8	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
JWZDZX	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NID	NID	NID		
JY646R	GlobalFiler™ (STRmix)					
	13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	10,11,12	12,13,14	13,14	18,22,23	9,10,11	11,12
	14,15	12,13,14	29,30,31	15,16	X,X	11,12
	25,26			20,2,21,21,2,22	6,7	8,8
	14,15					
K4WRX4	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
K73DQA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
K7K42F	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	No Results			No Results	
K9CTBH	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
KBGV67	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
KDMD7M	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
KEHW8N	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
KGH823	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
KLC2Y6	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
KN6VZE	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
KUBL67	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
KWX7BA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
L4CBKL	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
L7EATU	GlobalFiler™ (STRmix v2.5)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
L9QGAN	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
LAFHX4	PowerPlex® Fusion 6C (STRMix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
LGEYCF	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
LLU832	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
LPRJMM	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
LVWPD4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	-			-	
M3X7LN	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
M7XEQY	GlobalFiler™ Evidencias					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	N/A			N/A	
MM2EUF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM			NM	
MQZH8Z	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
MXJQUB	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
MZBKT2	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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						
N4QGWG	PowerPlex® Fusion 6C (STRmix v 2.8.0)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
N782JW	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
N83KKY	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
NCYEUF	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
NDQ8CX	Identifier® Plus					
3		19,21		15,16	13,13	
	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
NL7QXH	PowerPlex® Fusion 6C (STRmix v.2.8)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
NYRQGC	GlobalFiler™ (STRmix V2.4.06)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
P4HUWE	PowerPlex® Fusion 6C (STRmix v2.8)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
P4XDGC	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
P9CQJK	GlobalFiler™ (STRmix v. 2.8)					
3	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26			20,2,21,21,2,22	6,7	8
	13,14,15					
PHZCHB	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PJVVKC	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
PMVC7Y	PowerPlex® Fusion 5C					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,[11]	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11		6,7	8
	14,15	NT				
PMY29B	GlobalFiler™ (STRMIX)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
PPY8P3	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
PRP9T6	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PW2GUA	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
PZC4YT	GlobalFiler™ (Euroformix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
Q3K42K	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
Q4WJUZ	PowerPlex® 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
Q68N8N	GlobalFiler™ (STRmix v2.5)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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						
QAHTKA	Investigator® 24plex QS (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
QCRJAD	PowerPlex® Fusion 6C (STRmix)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
QGJFQB	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
QJ6U2J	GlobalFiler™ (STRmix)					
3	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	11,12,13	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26			20,2,21,21,2,22	6,7	8
	13,14,15					
QNMW9P	GlobalFiler™ (STRmix v2.5)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
R28QY9	Investigator® 24plex QS (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RFJW2E	GlobalFiler™ (STRmix v2.4.06)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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						
RGJAVF	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RGXW3W	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
RHBTQ9	GlobalFiler™ (STRmix V2.4.06)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RHETXG	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RKX6DX	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
RLD37X	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
RNJPJ3	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
RPC8BA	Investigator® 24plex					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR				
RPUYMF	GlobalFiler™ (STRmix 2.4.06)					
	13,15	19,21	12,14	15,16	13,13	Not tested
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	Not tested	Not tested	21,2,22	6,7	8,8
	14,15	No result	Not tested	Not tested	No result	
RQPHNG	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
RU3KBD	PowerPlex®					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
RYYJWF	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
T3VM3T	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
T63ZKV	PowerPlex® Fusion 5C					
	13,15	19,21	12,[14]	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11		6,7	8
	14,15	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						
T8PLDH	PowerPlex® Fusion 6C (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
TBM3PC	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
TDB6L8	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
THATC8	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
TNYBQH	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
TWTDWZ	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
U6GNJ2	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
U6Z6QB	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
UAV7YW	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
UFVBJ9	GlobalFiler™ (STRmix v2.6.3)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
UGB8WL	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
UK9N9F	GlobalFiler™ (STRmix)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26			20,2,21,21,2,22	6,7	7,8
	13,14,15					
UKVWK6	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
UYBKKA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
V3QEZ7	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	-	-	-		
V9B8Y6	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
VKL8L6	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
VRQGY6	Investigator® 24plex QS (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
W4GB8T	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
W72M2B	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
WFP9VT	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
WPFVNA	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
WTFDE7	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
WU9V36	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	-			-	
WWVF9A	PowerPlex® Fusion 6C					
3	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
X8AR2X	GlobalFiler™					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
X978AN	PowerPlex® 21					
3	13,15	19,21		15,16	13,13	12,19
	10,12	13,14		18,23	9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26	9,11	5,11		6,7	8,8
	14,15					
XD3WU3	GlobalFiler™ (STRmix)					
3	13,15	19,21	12,14	15,16	13	
	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
XJLL84	PowerPlex® Fusion 6C					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15	NR	NR	NR		
XPA8D6	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR		NR		
XULEEA	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	--		--		
XVHR23	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	NM		NM		
XZCNN8	GlobalFiler™ (STRmix v. 2.4.06)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR		NR		
XZRNPP	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
YB8U46	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
YBRZEB	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
YDARCC	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
YFL87C	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26	9,11	5,11	21,2,22	6,7	8
	14,15					
YGGHV8	GlobalFiler™ (STRmix V2.4.06)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	ND			ND	
YGWCHF	GlobalFiler™ (STRmix v2.5)					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	NR			NR	
YHTMF4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15					
YJ33ZC	Identifiler® Plus					
		19,21		15,16	13,13	
3	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 3 - STR Results						
Z3BC6L	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
Z8PWAM	GlobalFiler™ (STRmix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15	NR			NR	
Z9VCKY	GlobalFiler™ (STRMix)					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
ZFWWKA	GlobalFiler™ (STRmix)					
	12,13,14,15	18,19,20,21	11,12,13,14	14,15,16	12,13	
3	10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11	11,12
	14,15,16	11,12,13,14	29,30,31	14,15,16,17	X	10,11,12
	25,26			20,2,21,21,2,22	6,7	8
	13,14,15					
ZJX3F3	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15					
ZNTWD4	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
3	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X	11,12
	26			21,2,22	6,7	8
	14,15					
ZXFMJ9	GlobalFiler™					
	13,15	19,21	12,14	15,16	13,13	
3	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26			21,2,22	6,7	8,8
	14,15	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 3e - STR Results

J9CX26	Identifiler® Plus					
		19,21		15,16	13,13	
3e	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
V9WGAU	Identifiler® Plus					
		19,21		15,16	13,13	
3e	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					
ZKTDYN	Identifiler® Plus					
		19,21		15,16	13,13	
3e	10,12	13,14			9,11	12,12
	15,15	12,14	30,31		X,X	11,12
	26,26				6,7	8,8
	14,15					

TABLE 2

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

Item 3sp - STR Results

J9CX26	Identifiler® Plus						
3sp	-,-	-,-		-,-	-,-	-,-	
	-,-	-,-	-,-		-,-	-,-	
	-,-				-,-	-,-	
	-,-						
V9WGAU	Identifiler® Plus						
3sp	-,-	-,-		-,-	-,-	-,-	
	-,-	-,-	-,-		-,-	-,-	
	-,-				-,-	-,-	
	-,-						
ZKTDYN	Identifiler® Plus						
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						
2G62XX	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
32AQE8	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
67E9Q6	Identifiler® Plus					
		22,25		15,17	11,12	
4	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
FP8R9U	PowerPlex® 6C					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
KN6VZE	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
M7XEQY	GlobalFiler™ Evidencias (LRMix Studio)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
MXJQUB	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4 - STR Results						
PW2GUA	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
UKVWK6	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
XD3WU3	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
XULEEA	GlobalFiler™					
	11,{13},{15},17.3	{19},{21}22,25	10,{12},13,{14}	15,{16},17	11,12,{13}	
4	{10},11,12	13,14	13,14	17,18	{9},11,12	12,12
	14,{15}	{12},14,16	28,29,{30},{31}	11,{15},16	X,Y	11,12
	23,25,{26}			{21.2},22,30.2	{6},{7},9,9.3	{8},9,11
	{14},15,17	11			2	
YJ33ZC	Identifier® Plus					
		19,21,22,25		15,16,17	11,12,13	
4	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9.3	8,9,11
	14,15,17					
Z9VCKY	GlobalFiler™ (STRMix)					
	13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	12,13	
4	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	30,31	11,15,16	X,Y	11,12
	26			21,2,22,30.2	6,7,9.3	8,9,11
	14,15,17	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 4e - STR Results						
22UH2Q	GlobalFiler™ (STRmix v2.4)					
	10,11,12,13,14,15,1 6,3,17,3	18,19,20,21,22,24,2 5	9,10,11,12,13,14	14,15,16,17	10,11,12,13	
4e	9,10,11,12 13,14,15 22,23,24,25,26	12,13,14 11,12,13,14,15,16	12,13,14 27,28,29,30,31	16,17,18,22,23 11,14,15,16,17 20,21,21,2,22,29,2, 30,2	8,9,10,11,12 X,Y 6,7,9,9,3	11,12,13 10,11,12 7,8,9,11
	13,14,15,16,17	10,11			2	
2A8ARP	GlobalFiler™ (STRMix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12 14,15 23,25,26	13,14 12,14,16	13,14 28,29,30,31	17,18,23 11,15,16 21,2,22,30,2	9,11,12 X,Y 6,7,9,9,3	12,12 11,12 8,9,11
	14,15,17	11			2	
2BFNUN	PowerPlex® Fusion 6C					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12 14,15 23,25,26	13,14 12,14,16	13,14 28,29,30,31	17,18,23 11,15,16 21,2,22,30,2	9,11,12 X,Y 6,7,9,9,3	12 11,12 8,9,11
	14,15,17	11	17	17		
2Dacf6	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12 14,15 23,25,26	13,14 12,14,16	13,14 28,29,30,31	17,18,23 11,15,16 21,2,22,30,2	9,11,12 X,Y 6,7,9,9,3	12 11,12 8,9,11
	14,15,17	11			2	
2EzDJ8	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12 14,15 23,25,26	13,14 12,14,16	13,14 28,29,30,31	17,18,23 11,15,16 21,2,22,30,2	9,11,12 X,Y 6,7,9,9,3	12 11,12 8,9,11
	14,15,17	11			2	
2FD8WM	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12 14,15 23,25,26	13,14 12,14,16	13,14 28,29,30,31	17,18,23 11,15,16 21,2,22,30,2	9,11,12 X,Y 6,7,9,9,3	12 11,12 8,9,11
	14,15,17	11	17	17		
2JE7BL	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12 14,15 23,25,26	13,14 12,14,16	13,14 28,29,30,31	17,18,23 11,15,16 21,2,22,30,2	9,11,12 X,Y 6,7,9,9,3	12 11,12 8,9,11
	14,15,17	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 4e - STR Results						
2LEJTJ	PowerPlex® 21					
	11,13,15,17.3	19,21,22,25		15,16,17	11,12,13	12,19
4e	10,11,12	13,14		17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26	9,11,12	5,7,10,11		6,7,9,9.3	8,9,11
	14,15,17					
2LH4KT	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
2QWGM2	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
2RNHQ6	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
2UVXVP	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
2V9PQR	GlobalFiler™ (STRmix 2.8)					
	10,11,12,13,14,15,1 6,3,17.3	18,19,20,21,22,24,2 5	9,10,11,12,13,14	14,15,16,17	10,11,12,13	
4e	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12
	13,14,15	11,12,13,14,15,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	22,23,24,25,26,27			20,2,21,21,2,22,29,2, 30.2	6,7,9,9.3	7,8,9,11
	13,14,15,16,17	11			2	
2YMZ4V	Investigator® 24plex QS (TrueAllele)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
38HURZ	Investigator® 24plex (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11				
38YLMJ	Identifiler® Plus (STRmix v2.10.0)					
		19,21,(22),(25)		15,16,(17)	(11),(12),13	
4e	10,(11),12	13,14			9,11,(12)	12,12
	(14),15	12,14,(16)	(28),(29),30,31		X,(Y)	11,12
	(23),(25),26				6,7,(9),(9.3)	8,(9),(11)
	14,15,(17)					
39U4PK	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix V2.5.11)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
3A29V2	PowerPlex® Fusion 6C					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
3N3KQZ	Investigator® 24plex					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11				
3PGEFT	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
3XMJ44	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
3Y9XWM	Identifiler® Plus					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
42MH63	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
44FDUW	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
4AXEW9	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
4LCC4W	Investigator® 24plex QS (STRmix)					
	11,13,15,17.3	19,20,21,22,25	10,11,12,13,14,Q	14,15,16,17	11,12,13	
4e	10,11,12,Q	12,13,14,Q	12,13,14,Q	17,18,23	9,10,11,12	11,12,13,Q
	14,15	12,13,14,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	23,25,26			21,2,22,30.2	6,7,9,9,3	8,9,11
	14,15,17	11				
4RZW8D	PowerPlex® Fusion 6C					
	[11],13,15,[17.3]	19,21,[22],[25]	[10],12,[13],14	15,16,[17]	[11],12,13	
4e	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12
	14,15	12,14,[16]	[28],[29],30,31	[11],15,16	X,[Y]	11,12
	[23],[25],26	9,11,12	5,[7],[10],11	21,2,22,[30.2]	6,7,[9],[9.3]	8,[9],[11]
	14,15,[17]	11	17	17		
4U8BDJ	Investigator® 24plex QS Kit					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
4VDV2J	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
67G93J	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,[14]	15,[16],[17]	11,12,13	
4e	[10],11,12	13,14	13,14	17,18,[23]	[9],11,12	12,12
	14,15	[12],14,[16]	28,29,30,31	[11],15,16	X,[Y]	11,12
	23,25,26			21,2,22,[30.2]	6,7,9,9.3	8,[9],[11]
	[14],15,[17]	11			2	
6CHKVW	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,14	15,16,17	11,12,13	
4e	10,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
6F7WXL	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
6H633Y	GlobalFiler™ (STRmix v2.6.3)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
6YTQHF	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
6YWBP	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,[Y]	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
6Z4PEB	PowerPlex® Fusion 6C (STRmix 2.6.2)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,[16],[17]	[11],[12],13	
	10,[11],12	13,14	13,14	17,18,[23]	9,11,12	12
	14,15	[12],14,[16]	28,29,30,31	11,15,16	X,[Y]	11,12
	23,25,26	9,11,12	5,7,10,11	21.2,22,[30.2]	6,7,9,9.3	8,[9],[11]
	14,15,17	11	17	17		
6Z8KD4	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
73TNL2	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	18,19,20,21,22,25	10,11,12,13,14	14,15,16,17	11,12,13	
	10,11,12	12,13,14	12,13,14	17,18,22,23	9,10,11,12	11,12
	13,14,15	11,12,13,14,16	28,29,30,31	11,14,15,16	X,Y	10,11,12
	23,24,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	13,14,15,17	11			2	
778J2X	Investigator® 24plex QS (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
77C9D4	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
7GD4NZ	GlobalFiler™ (STRmix v2.4.06)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
7KCFKZ	GlobalFiler™ (STRmix v2.4.06)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	NT
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	NT	NT	21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
7PL9NP	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
7QHNWF	Identifiler® Plus (STRmix v 2.10.0)					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
836BG2	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
84FC6K	GlobalFiler™ (STRmix 2.8)					
	11,12,13,14,15,17,3	18,19,20,21,22,25	10,11,12,13,14	14,15,16,17	11,12,13	
4e	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12
	14,15	11,12,13,14,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	22,23,24,25,26			20,2,21,21,2,22,30,2	6,7,9,9,3	8,9,11
	13,14,15,17	11			2	
89UQ9T	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
8JUHGK	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
8N7VAY	GlobalFiler™ (STRmix v2.4)					
	11,12,13,14,15,17,3	18,19,20,21,22,25	10,11,12,13,14	14,15,16,17	11,12,13	
4e	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12
	13,14,15	11,12,13,14,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	23,24,25,26			20,2,21,21,2,22,30,2	6,7,9,9,3	8,9,11
	13,14,15,17	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 4e - STR Results						
8QXRYT	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
94VTZD	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
96QC2E	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
9FNHTR	Investigator® 24plex QS (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11				
9JCR6E	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
9JNQZN	Investigator® 24plex QS					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11				
9MB32E	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22	6,7,9,3	8,11
	14,15,17	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 4e - STR Results						
9PFVQ7	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
9R48RX	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
9URBDW	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
9Y2YZR	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
A6493D	PowerPlex® 21 (STRmix)					
	11,13,15	19,21,25		15,16,17	13,13	12,19
4e	10,11,12	13,14		18,23	9,11,12	12,12
	15,15	12,14	29,30,31		X,Y	11,12
	26,26	9,11,12	5,10,11		6,7	8,8
	14,15,17					
A6LGUT	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
A977HC	PowerPlex® Fusion 6C (STRMix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4e - STR Results						
AH9QFY	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
AKGARV	PowerPlex® Fusion 5C					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	--
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	--	6,7,9,9.3	8,9,11
	14,15,17	11	--	--	--	
ANY2QW	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
AQ6JQD	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
ARKKVZ	GlobalFiler™ (STRmix)					
	11,12,13,14,15,16.3, 18,19,20,21,22,24,2 17.3	5	9,10,11,12,13,14	14,15,16,17	10,11,12,13	
4e	9,10,11,12	12,13,14	12,13,14	16,17,18,22,23	8,9,10,11,12	11,12
	13,14,15	11,12,13,14,15,16	27,28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	22,23,24,25,26			20,2,21,21,2,22,29.2, 30.2	5,6,7,8,9,9.3	8,9,11
	13,14,15,16,17	10,11			2	
AUAJ3Q	PowerPlex® Fusion 6C					
	11 ^,13,15,17.3	19,21,22 ^,25	10 ^,12,13 ^,14	15,16,17 ^	11 ^,12,13	
4e	10,11 ^,12	13,14	13,14	17 ^,18,23 ^	9,11,12 ^	12
	14,15	12,14,16 ^	28,29 ^,30,31	11 ^,15,16	X,Y	11,12
	23 ^,25 ^,26	9,11,12 ^	5,7 ^,10 ^,11	21,2,22,30.2 ^	6,7,9 ^,9.3 ^	8,9 ^,11 ^
	14,15,17	11	17	17		
AVYNVX	GlobalFiler™ (STRmix v2.8)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
AZPRBZ	PowerPlex® Fusion 6C					
4e	[11],13,15,[17.3]	19,21,[22],[25]	[10],12,[13],14	15,16,[17]	[11],13,13	
	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12,12
	[14],15,15	12,14,[16]	[28],[29],30,31	[11],15,16	X,Y	11,12
	[23],[25],26,26	9,11,[12]	5,[7],[10],11	21,2,22,[30.2]	6,7,[9],[9.3]	8,8,[9],[11]
	14,15,[17]	[11]	[17]	[17]		
B2MT4T	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	18,23	9,11,12	12
	14,15	12,14	28,29,30,31	11,15,16	X,Y	11,12
	23,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
B8UQLQ	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
BBU3HQ	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
BJJTZC	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
BKFTVP	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
BWBE9R	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
C3R8YH	Investigator® 24plex (STRmix)					
	11,[13],[15],17.3	[19],[21],22,25	10,12,13,14	15,[16],17	11,12,13	
4e	[10],[11],12	13,14	13,14	17,18,[23]	[9],11,12	12
	14,[15]	[12],14,[16]	28,29,[30],[31]	11,[15],16,	X,[Y]	11,12
	23,25,26			[21.2],22,[30.2]	[6],[7],9,9.3	8,9,11
	[14],15,[17]	11				
CEKWRW	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
CEMLWU	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21.2,22	6,7	8,8
	14,15					
CHLWUE	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
CKQMWN	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
CL8GZJ	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,[Y]	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,[9,11]
	14,15,17	11			2	
CW7CXE	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
CZ7NUE	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
D4Z4JD	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
D6Q6KU	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
DBYYTR	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
DTJPRR	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
DZ3TYU	GlobalFiler™ (STRmix)					
4e	11,12,13,14,15,17.3	18,19,20,21,22,24,25	10,11,12,13,14	14,15,16,17	11,12,13	
	5					
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12,13
	13,14,15	11,12,13,14,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	23,24,25,26			20,2,21,21,2,22,29,2,30,2	5,6,7,9,9.3	7,8,9,11
13,14,15,16,17						2
DZGR2B	PowerPlex® Fusion 6C (STRMIX)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16,17	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,21,2,22,30,2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
E72YTM	GlobalFiler™					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 28,29,30,31 11	10,12,13,14 13,14 28,29,30,31 21,2,22,30.2	15,16,17 17,18,23 11,15,16 21,2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 2	12 11,12 11,12 8,9,11
EAKJMB	Identifiler® Plus (GeneMapper ID-X 1.6)					
4e	19,21,22,25 10,11,12 14,15 23,25,26 14,15,17	13,14 12,14,16 28,29,30,31	5 12,13,14 28,29,30,31	15,16,17 16,17,18,22,23 10,11,12,14,15,16,1 7 20,20,2,21,21,2,22,23 ,29,2,30,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 20,20,2,21,21,2,22,23 5,6,7,8,9,9.3 7,8,9,11	12,12 11,12 8,9,11
EC84RE	GlobalFiler™ (STRmix 2.8)					
4e	10,11,12,13,14,15,1 6,3,17.3 9,10,11,12 13,14,15 22,23,24,25,26,27 13,14,15,16,17	18,19,20,21,22,24,2 5 12,13,14 11,12,13,14,15,16 27,28,29,30,31 10,11,12,14,15,16,1 7 20,20,2,21,21,2,22,23 ,29,2,30,30.2 10,11,12,13,14 11,12,13	9,10,11,12,13,14,15 12,13,14 28,29,30,31 10,11,12,14,15,16,1 7 20,20,2,21,21,2,22,23 5,6,7,8,9,9.3 7,8,9,11 10,11,12	14,15,16,17 16,17,18,22,23 11,15,16 21,2,22,30.2 20,20,2,21,21,2,22,23 5,6,7,8,9,9.3 2	10,11,12,13,14 8,9,10,11,12 X,Y 6,7,9,9.3 7,8,9,11	11,12,13 11,12,13 11,12 8,9,11
EEWWGP	Investigator® 24plex QS (STRmix)					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 28,29,30,31 11	10,12,13,14 13,14 28,29,30,31 21,2,22,30.2	15,16,17 17,18,23 11,15,16 21,2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 2	12 11,12 11,12 8,9,11
EFAAKL	GlobalFiler™					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 28,29,30,31 11	10,12,13,14 13,14 28,29,30,31 21,2,22,30.2	15,16,17 17,18,23 11,15,16 21,2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 2	12 11,12 11,12 8,9,11
EHEYNV	NGM SElect					
4e	11,13,15,17.3 13,14 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 28,29,30,31 11	10,12,13,14 13,14 28,29,30,31 21,2,22,30.2	15,16,17 17,18,23 11,15,16 21,2,22,30.2	12 X,Y 6,7,9,9.3	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4e - STR Results						
EKMMAT	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
EMQF7C	GlobalFiler™ (STRmix V2.5.11)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
EXNH7Z	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
F4AVH8	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
F7W8LJ	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17,--	11,12,13	
4e	10,11,12,--	13,14	13,14,--	17,18,23,--	9,11,12,--	12,--
	14,15	12,14,16	28,29,30,31	11,15,16,--	X,Y	11,12,--
	23,25,26			21,2,22,30.2,--	6,7,9,9.3	8,9,11,--
	14,15,17,--	11			2	
F96MTP	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FC4XNP	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4e - STR Results						
FDXLA7	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
FZAG2A	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
G7GARY	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,12	13,14	13,14	18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,3	8,11
	14,15,17	11			2	
G8779K	PowerPlex® Fusion 6C					
	11^,13,15,17,3^	19,21,22,25^	10^,12,13^,14	15,16,17^	12^,13	
4e	10,12	13,14	13,14	18,23	9^,11^	12
	14,15	12,14,16^	28^,30,31	15,16	X	11,12
	26	9,11,12	5,10^,11	21,2,22,30,2^	6,7,9^,9,3^	8,9^,11^
	14,15,17^	11	17	17		
G9HDJL	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
GBPTRD	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
GGF2D7	GlobalFiler™ (STRmix v2.9)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
GMZ768	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
GRXMKL	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
GVFCWR	GlobalFiler™ (STRMIX)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
HB6C94	Identifiler® Plus (STRmix v2.10.0)					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9.3	8,9,11
	14,15,17					
HE8DBL	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21.2,22	6,7	8,8
	14,15					
HGVKW4	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21.2,22	6,7	8,8
	14,15					
HJVKLM	GlobalFiler™ (GeneMapper ID-X 1.5)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21.2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
HQGTGQ	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
HR9CCK	Investigator® 24plex					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11				
HTJDXJ	PowerPlex® Fusion 6C					
	11^,13,15	19,21,22^,25^	10^,12,13^,14	15,16,17^	11^,12^,13	
4e	10,11^,12	13,14	13,14	17^,18,23	9,11	12
	14^,15	12,14,16^	28^,29^,30,31	11^,15,16	X,Y	11,12
	26	9,11,12^	5,7^,10^,11	21,2,22,30.2^	6,7,9,9.3^	8,9^,11^
	14,15,17^	NR	17	NR		
HY97GQ	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
J2BNQ7	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
J4PWMY	GlobalFiler™ (Euroformix)					
	[11],13,15,[17.3]	19,21,[22],[25]	[10],12,[13],14	15,16,[17]	[11],[12],13	
4e	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12
	[14],15	12,14,[16]	[28],[29],30,31	[11],15,16	X,[Y]	11,12
	[23],[25],26			21,2,22,[30.2]	6,7,[9],[9.3]	8,[9],[11]
	14,15,[17]	11			2	
J6VDEP	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
J9CX26	Identifiler® Plus					
4e	10,11,12	13,14		15,16,17	11,12,13	12,12
	14,15	12,14,16	28,29,30,31		X,X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
JBYH7A	GlobalFiler™ (STRmix 2.8)					
4e	11,12,13,14,15,17,3	18,19,20,21,22,25	10,11,12,13,14	14,15,16,17	11,12,13,14	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12
	14,15	11,12,13,14,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	23,24,25,26			20,21,21,2,22,30,2	5,6,7,9,9,3	7,8,9,11
	13,14,15,17	11			2	
JD8RWL	PowerPlex® Fusion 6C (STRmix v2.8)					
4e	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
JLHUHL	PowerPlex® Fusion 6C (STRMix v2.8)					
4e	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
JLXD46	PowerPlex® Fusion 5C					
4e	[11],13,15,[17,3]	19,21,[22,25]	[10],12,[13],14	15,16,[17]	[12],13	
	10,[11],12	13,14	13,[14]	18,23	9,11,[12]	12
	15	[12],14	30,31	15,16	X,[Y]	11,12
	26	9,11,[12]	5,[7,10],11		6,7,[9,9,3]	8
	14,15,[17]	11				
JQEFBA	GlobalFiler™ (STRmix 2.8)					
4e	11,12,13,14,15,17,3	18,19,20,21,22,25	10,11,12,13,14	14,15,16,17	11,12,13	
	9,10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12
	14,15	11,12,13,14,16	28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	23,24,25,26,27			20,21,21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
JQR827	Identifiler®					
4e		19,21,22,25		15,16,17	11,12,13	
	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4e - STR Results						
JRTEJK	GlobalFiler™					
4e	[11],13,15,[17.3] 10,[11],12 15 [23],26 14,15,[17]	19,21,[22],[25] 13,14 12,14,[16] 11	[10],12,[13],14 13,14 [28],[29],30,31	15,16,[17] [17],18,23 [11],15,16 21.2,22,[30.2]	[11],[12],13 9,11,[12] X,[Y] 6,7,[9],[9.3]	12 11,12 8,[9] 2
JUBWCP	GlobalFiler™					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 21.2,22,30.2 11	10,12,13,14 13,14 28,29,30,31	15,16,17 17,18,23 11,15,16 21.2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3	12 11,12 8,9,11 2
JUER8A	GlobalFiler™ (STRmix 2.8)					
4e	10,11,12,13,14,15,1 6,3,17.3 9,10,11,12 13,14,15 22,23,24,25,26,27 13,14,15,16,17	18,19,20,21,22,24,2 5 12,13,14 11,12,13,14,15,16 27,28,29,30,31 20,20.2,21,21.2,22,23 ,29.2,30,30.2 10,11	9,10,11,12,13,14 12,13,14 27,28,29,30,31 10,11,14,15,16,17 20,20.2,21,21.2,22,23 ,29.2,30,30.2	14,15,16,17 16,17,18,22,23 X,Y 5,6,7,8,9,9.3 21.2,22,30.2	10,11,12,13,14 8,9,10,11,12 X,Y 7,8,9,11 2	11,12,13 10,11,12 7,8,9,11
JVM2Y8	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3 10,12 15,15 23,26 14,15,17	19,21,22,25 13,14 12,14,16 21.2,22,30.2 11	10,12,13,14 13,14 28,30,31	15,16,17 18,23 11,15,16 21.2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3	12,12 11,12 8,11 2
JWZDZX	PowerPlex® Fusion 6C (STRmix)					
4e	11,13,15,17.3 [10],11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 [12],14,[16] [9],[11],12 11	10,12,13,14 13,14 28,29,30,31 5,7,10,11 17	15,16,17 17,18,[23] 11,15,16 [21.2],22,[30.2] 17	11,12,13 [9],11,[12] X,[Y] 6,7,9,9.3	12 11,12 8,9,11 2
JY646R	GlobalFiler™ (STRmix)					
4e	11,12,13,14,15,16.3, 17.3 10,11,12 13,14,15 22,23,24,25,26 14,15,17	18,19,20,21,22,24,2 5 12,13,14 11,12,13,14,15,16 28,29,30,31 20.2,21,21.2,22,23,29 ,30.2 10,11	10,11,12,13,14 12,13,14 28,29,30,31 11,14,15,16,17 20.2,21,21.2,22,23,29 ,30.2	14,15,16,17 17,18,22,23 X,Y 6,7,9,9.3	11,12,13 9,10,11,12 X,Y 8,9,11	11,12 10,11,12 8,9,11 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 4e - STR Results						
K4WRX4	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
K73DQA	GlobalFiler™					
	[11],13,15,[17.3]	19,21,[22,25]	[10],12,[13],14	15,16,[17]	[11,12],13	
4e	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12
	[14],15	12,14,[16]	[28,29],30,31	[11],15,16	X,[Y]	11,12
	[23,25],26			21,2,22,[30.2]	6,7,[9,9,3]	8,[9,11]
	14,15,[17]	[11]			[2]	
K7K42F	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
K9CTBH	Investigator® 24plex (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11				
KBGV67	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
KDMD7M	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
KEHW8N	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
KGH823	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
KLC2Y6	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
KUBL67	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
KWX7BA	GlobalFiler™ (STRMix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
L4CBKL	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
L7EATU	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9
	14,15,17	11			2	
L9QGAN	PowerPlex® Fusion 6C					
	[11],13,15,[17.3]	19,21,[22]	[10],12,[13],14	15,16,[17]	[11,12],13,13	
4e	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12,12
	[14],15,15	12,14	[28,29],30,31	[11],15,16	X,X,[Y]	11,12
	[23,25],26,26	9,11	5,[7],11	21,2,22	6,7,[9,9,3]	8,8,[9,11]
	14,15,[17]	[11]		[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 4e - STR Results						
LAFHX4	PowerPlex® Fusion 6C (STRMix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
LGEYCF	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
LLU832	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
LPRJMM	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
LVWPD4	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
M3X7LN	PowerPlex® Fusion 6C					
	[11],13,15,[17.3]	19,21,[22],[25]	[10],12,[13],14	15,16,[17]	[11],[12],13	
4e	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12,12
	[14],15	12,14,[16]	[28],[29],30,31	[11],15,16	X,[Y]	11,12
	[23],[25],26	9,11,[12]	5,[7],[10],11	21,2,22,[30.2]	6,7,[9],[9.3]	8,[9],[11]
	14,15,[17]	[11]	[17]	[17]		
MM2EUF	GlobalFiler™					
	13,15	19,21	12,14	15,16	13	
4e	10,12	13,14	13,14	18,23	9,11	12
	15	12,14	30,31	15,16	X,X	11,12
	26			21,2,22	6,7	8
	14,15	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 4e - STR Results						
MQZH8Z	GlobalFiler™					
4e	[11],13,15,[17.3]	19,21,[22]	[10],12,[13],14	15,16,[17]	[11],[12],13	
	10,[11],12	13,14	13,14	18,23	9,11,[12]	12,12
	[14],15	12,14,[16]	[28],[29],30,31	[11],15,16	X,[Y]	11,12
	[23],[25],26			21,2,22	6,7,[9],[9.3]	8,[9],[11]
	14,15	11			2	
MZBKT2	GlobalFiler™					
4e	[11],13,15,[17.3]	19,21,[22],[25]	[10],12,[13],14	15,16,[17]	[11],[12],13	
	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12,12
	[14],15	12,14,[16]	[28],[29],30,31	[11],15,16	X,[Y]	11,12
	[23],[25],26			21,2,22,[30.2]	6,7,[9],[9.3]	8,[9],[11]
	14,15,[17]	11			2	
N4QGWG	PowerPlex® Fusion 6C (STRmix v 2.8.0)					
4e	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,[14]	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
N6XYTR	PowerPlex® Fusion 6C					
4e	[11],13,15,[17.3]	19,21,[22],[25]	[10],12,[13],14	15,16,[17]	[11],[12],13	
	10,[11],12	13,14	13,14	[17],18,23	9,11,[12]	12
	[14],15	12,14,[16]	[28],[29],30,31	[11],15,16	X,[Y]	11,12
	[23],[25],26	9,11,[12]	5,[7],[10],11	[21],21,2,22,[30.2]	6,7,[9],[9.3]	8,[9],[11]
	14,15,[17]	11	17	17		
N782JW	PowerPlex® Fusion 6C (STRmix v.2.8)					
4e	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
N83KKY	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
NCYEUF	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
NDQ8CX	Identifiler® Plus (STRmix v2.10.0)					
	19,21,[22],[25]					
4e	10,[11],12	13,14		15,16,[17]	[11],[12],13	
	[14],15	12,14,[16]	[28],[29],30,31		X,[Y]	11,12
	[23],[25],26				6,7,[9],[9.3]	8,[9],[11]
	14,15,[17]					
NL7QXH	PowerPlex® Fusion 6C (STRmix v.2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
NYRQGC	GlobalFiler™ (STRmix V2.4.06)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
P4HUWE	PowerPlex® Fusion 6C (STRmix v.2.8)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
P4XDGC	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
P9CQJK	GlobalFiler™ (STRmix v. 2.8)					
	10,11,13,14,15,16.3, 18,19,20,21,22,24,2 17.3	9,10,11,12,13,14 5		14,15,16,17	10,11,12,13	
4e	10,11,12	12,13,14	12,13,14	16,17,18,22,23	9,10,11,12	11,12
	13,14,15	11,12,13,14,15,16	27,28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	22,23,24,25,26			20,2,21,21,2,22,29,2, 30,2	6,7,9,9.3	8,9,11
	14,15,16,17	10,11			2	
PHZCHB	GlobalFiler™ (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9.3	8,9,11
	14,15,17	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 4e - STR Results						
PJVVKC	GlobalFiler™					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 9,[11,12] 11	10,12,13,14 13,14 28,29,30,31 5,[7,10],11	15,16,17 17,18,23 11,15,16 21.2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 2	
PMVC7Y	PowerPlex® Fusion 5C					
4e	[11],13,15,[17.3] 10,[11],12 [14],15 [23,25],26 [14],15,[17]	19,21,[22,25] 13,14 12,14,[16] 9,[11,12] 11	[10],12,[13],14 13,14 [28,29],30,31 5,[7,10],11	15,[16,17] [17],18,23 [11],15,16 21.2,22,30.2	[11,12],13 9,11,[12] X,[Y] 6,7,[9,9.3] 8,[9,11]	
PMY29B	GlobalFiler™ (STRMIX)					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 9,[11,12] 11	10,12,13,14 13,14 28,29,30,31 5,[7,10],11	15,16,17 17,18,23 11,15,16 21.2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 2	
PPY8P3	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 9,[11,12] 11	10,12,13,14 13,14 28,29,30,31 5,[7,10],11	15,16,17 17,18,23 11,15,16 21.2,22,30.2	11,12,13 9,11,12 X,Y 6,7,9,9.3 2	
PRP9T6	GlobalFiler™					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 9,[11,12] 11	10,12,13,14 13,14 28,29,30,31 5,[7,10],11	15,16,17 17,18,23 11,15,16 21.2,22,30.2	11,12,13 9,11,12 X,[Y] 6,7,9,9.3 2	
PZC4YT	GlobalFiler™ (Euroformix)					
4e	[11],13,15,[17.3] 10,[11],12 [14],15 [23],[25],26 14,15,[17]	19,21,[22],[25] 13,14 12,14,[16] 21.2,22,[30.2] 11	[10],12,[13],14 13,14 [28],[29],30,31 5,[7,10],11	15,16,[17] [17],18,23 [11],15,16 21.2,22,[30.2]	[11],[12],13 9,11,[12] X,[Y] 6,7,[9],[9.3] 2	
Q3K42K	PowerPlex® Fusion 6C					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 9,[11,12] 11	10,12,13,14 13,14 28,29,30,31 5,7,10,11 17	15,16,17 17,18,23 11,15,16 21.2,22,30.2 17	11,12,13 9,11,12 X,Y 6,7,9,9.3 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 4e - STR Results						
Q4WJUZ	PowerPlex® 6C (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
Q68N8N	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
QAHTKA	Investigator® 24plex QS (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11				
QCRJAD	PowerPlex® Fusion 6C (STRmix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
QGJFQB	Investigator® 24plex					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11				
QJ6U2J	GlobalFiler™ (STRmix)					
	11,12,13,14,15,17,3	18,19,20,21,22	10,11,12,13,14	14,15,16	11,12,13,14	
4e	10,11,12	12,13,14	12,13,14	17,18,22,23	8,9,10,11,12	11,12
	14,15	11,12,13,14,16	28,29,30,31	14,15,16,17	X,Y	10,11,12
	23,25,26			20,2,21,21,2,22,30,2	6,7	8,9,11
	14,15				2	
QNMW9P	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
R28QY9	Investigator® 24plex QS (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	13	
4e	10,12	13,14	13,14	18,23	9,11,12	12
	15	12,14,16	28,30,31	11,15,16	X	11,12
	23,26			21,2,22	6,7	8,9,11
	14,15,17	11				
RFJW2E	GlobalFiler™ (STRmix v2.4.06)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
RGJAVF	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
RGXW3W	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
RHBTQ9	GlobalFiler™ (STRmix V2.4.06)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
RHETXG	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
RKX6DX	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
RLD37X	Identifiler® Plus					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
RNJPJ3	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
RPC8BA	Investigator® 24plex					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11				
RPUYMF	GlobalFiler™ (STRmix 2.4.06)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	Not tested
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	Not tested	Not tested	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	Not tested	Not tested	2	
RQPHNG	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
RU3KBD	PowerPlex®					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12,12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
RYYJWF	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
T3VM3T	PowerPlex® Fusion 6C (STRmix v2.8)					
4e	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
T63ZKV	PowerPlex® Fusion 5C					
4e	[11],13,15,[17.3]	19,21,[22,25]	[10],12,[13],14	15,16,[17]	[11,12],13	
	10,[11],12	13,[14]	13,14	18,23	9,11,[12]	12
	15	12,14,[16]	[28,29],30,31	[11],15,16	X,[Y]	11,12
	[25],26	9,11,[12]	5,11		6,7	8,[11]
	14,15,[17]	11				
T8PLDH	PowerPlex® Fusion 6C (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
TBM3PC	PowerPlex® Fusion 6C (STRmix version 2.8.0)					
4e	13,15	19,21	12,14	15,16	13,13	
	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
TDB6L8	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
THATC8	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
TNYBQH	PowerPlex® Fusion 6C					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
TWTDWZ	GlobalFiler™					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
U6GNJ2	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
U6Z6QB	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
UAV7YW	PowerPlex® Fusion 6C					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,13	
	10,11,12	13,14	13,14	18,23	9,11,12	12
	15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
UFVBJ9	GlobalFiler™ (STRmix v2.6.3)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
UGB8WL	PowerPlex® Fusion 6C (STRmix)					
4e	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
UK9N9F	GlobalFiler™ (STRmix)					
4e	11,12,13,14,15,16.3, 18,19,20,21,22,24,2 17.3	5	9,10,12,13,14	14,15,16,17	10,11,12,13	
	10,11,12	12,13,14	12,13,14	17,18,23	9,10,11,12	11,12
	13,14,15	12,13,14,16	27,28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	22,23,24,25,26			20,2,21,21,2,22,29.2, 30.2	6,7,9,9.3	8,9,11
	14,15,17	10,11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4e - STR Results						
UYBKKA	GlobalFiler™					
4e	11,[13],[15],17.3 [10],[11],12	19,21,22,25 13,14	10,12,13,14 13,14	15,[16],[17] 17,18,[23]	11,12,13 [9],11,12	12
	14,[15]	[12],14,16	28,29,[30],[31]	11,15,16	X,[Y]	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
V3QEZ7	PowerPlex® Fusion 6C					
4e	11,13,15,17.3 10,11,12	19,21,22,25 13,14	10,12,13,14 13,14	15,16,17 17,18,23	11,12,13 9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11	17	17		
V9B8Y6	GlobalFiler™ (STRmix)					
4e	11,13,15,17.3 10,11,12	19,21,22,25 13,14	10,12,13,14 13,14	15,16,17 17,18,23	11,12,13 9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30.2	6,7,9,9.3	8,9,11
	14,15,17	11			2	
V9WGAU	Identifier® Plus					
4e	19,21,[22],[25] 10,[11],12 [14],15,15 [23],[25],26,26 14,15,[17]	13,14 12,14,[16]	[28],[29],30,31	15,16,[17]	[11],[12],13,13 9,11,[12]	12,12 11,12 6,7,[9],[9.3] 8,8,[9],[11]
VKL8L6	GlobalFiler™ (STRmix)					
4e	13,15 10,11,12	19,21,22,25 13,14	10,12,13,14 13,14	15,16,17 18,23	11,13 9,11	12
	15	12,14,16	28,30,31	15,16	X,Y	11,12
	23,26			21,2,22,30.2	6,7,9,9.3	8
	14,15	11				
VRQGY6	Investigator® 24plex QS (STRmix)					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 21,2,22,30.2 11	10,12,13,14 13,14 28,29,30,31 5,7,10,11	15,16,17 18,23 11,15,16 21,2,22,30.2 17	13 9,11,12 X,Y 6,7,9,9.3 17	12 11,12 11,12 8,9,11 17
W4GB8T	PowerPlex® Fusion 6C (STRmix)					
4e	11,13,15,17.3 10,11,12 14,15 23,25,26 14,15,17	19,21,22,25 13,14 12,14,16 9,11,12 11	10,12,13,14 13,14 28,29,30,31 5,7,10,11	15,16,17 17,18,23 11,15,16 21,2,22,30.2 17	11,12,13 9,11,12 X,Y 6,7,9,9.3 17	12 11,12 11,12 8,9,11 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 4e - STR Results						
W72M2B	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
WFP9VT	Identifiler® Plus					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,15,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
WPVFNA	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
WTFDE7	Investigator® 24plex (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11				
WU9V36	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21	12,14	15,16	11,13	
4e	10,11,12	13,14	13,14	18,23	9,11	12
	14,15	12,14,16	28,30,31	11,15,16	X,Y	11,12
	23,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15	11			2	
WWVF9A	PowerPlex® Fusion 6C (STRMix)					
	13,15	19,21	12,14	15,16	13,13	
4e	10,12	13,14	13,14	18,23	9,11	12,12
	15,15	12,14	30,31	15,16	X,X	11,12
	26,26	9,11	5,11	21,2,22	6,7	8,8
	14,15					
X8AR2X	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
X978AN	PowerPlex® 21					
	13,15	19,21,25		15,16,17	11,12,13	12,19
4e	10,11,12	13,14		18,23	9,11	12,12
	14,15	12,14	28,29,30,31		X,Y	11,12
	25,26	9,11,12	5,10,11		6,7	8,8
	14,15,17					
XJLL84	PowerPlex® Fusion 6C					
	11,13,15,17.3^	19,21^,22,25	10^,12,13^,14^	15,16,17	11^,12^,13	
4e	10^,11,12	13,14	13^,14	17,18,23^	9^,11^	12
	14^,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23^,25^,26	9,11,12	5^,7^,10^,11^	21,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	NR		
XPA8D6	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
XVHR23	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
XZCNN8	GlobalFiler™ (STRmix v. 2.4.06)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
XZRNPP	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
YB8U46	GlobalFiler™					
	11,13,15,17.3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
YBRZEB	Identifiler® Plus					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
YDARCC	PowerPlex® Fusino 6C (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,15,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
YFL87C	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,15,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26	9,11,12	5,7,10,11	21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11	17	17		
YGGHV8	GlobalFiler™ (STRmix V2.4.06)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
YGWCHF	GlobalFiler™ (STRmix v2.5)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
YHTMF4	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
Z3BC6L	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4e - STR Results						
Z8PWAM	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
ZFWWKA	GlobalFiler™ (STRmix)					
	10,11,12,13,14,15,1 7,3	18,19,20,21,22,24,2 5	9,10,11,12,13,14	14,15,16,17	11,12,13	
4e	10,11,12	12,13,14	12,13,14	17,18,22,23	9,10,11,12	11,12
	13,14,15	11,12,13,14,15,16	27,28,29,30,31	11,14,15,16,17	X,Y	10,11,12
	22,23,24,25,26			20,2,21,21,2,22,23,29 .2,30,2	6,7,9,9,3	8,9,11
	14,15,16,17	10,11			2	
ZJX3F3	GlobalFiler™ (BulletProof Sentry)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,13	
4e	10,11,12	13,14	13,14	18,23	9,11,12	12
	15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
ZKTDYN	Identifiler® Plus					
		19,21,22,25		15,16,17	11,12,13	
4e	10,11,12	13,14			9,11,12	12,12
	14,15	12,14,16	28,29,30,31		X,X,Y	11,12
	23,25,26				6,7,9,9,3	8,9,11
	14,15,17					
ZNTWD4	GlobalFiler™					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	11			2	
ZXFMJ9	GlobalFiler™ (STRmix)					
	11,13,15,17,3	19,21,22,25	10,12,13,14	15,16,17	11,12,13	
4e	10,11,12	13,14	13,14	17,18,23	9,11,12	12
	14,15	12,14,16	28,29,30,31	11,15,16	X,Y	11,12
	23,25,26			21,2,22,30,2	6,7,9,9,3	8,9,11
	14,15,17	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 4sp - STR Results						
22UH2Q	GlobalFiler™ (STRmix v2.4)					
	10,11,16,3,17,3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
4sp	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12,13
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
				21,22,23,29,2,30,2,31 .2	8,9,9,3	8,9,10,11
	22,23,24,25					
	14,15,16,17	10,11			2	
2A8ARP	GlobalFiler™ (STRMix)					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	11			2	
2BFNUN	PowerPlex® Fusion 6C					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30,2	9,9,3	9,11
	15,17	11	17	17		
2DACF6	GlobalFiler™ (STRmix)					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	9,11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	11			2	
2EZDJ8	GlobalFiler™ (STRmix)					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	11			2	
2FD8WM	PowerPlex® Fusion 6C (STRmix)					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30,2	9,9,3	9,11
	15,17	11	17	17		
2JE7BL	GlobalFiler™					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	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 4sp - STR Results						
2LEJTJ	PowerPlex® 21					
4sp	11,17.3	22,25		15,17	11,12	12,12
	11,12	13,14		17,18	11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25	12,12	7,10		9,9.3	9,11
	15,17					
2LH4KT	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
2QWGM2	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
2RNHQ6	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
2UVXVP	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
2V9PQR	GlobalFiler™ (STRmix 2.8)					
4sp	10,11,16,3,17,1,17,3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12,13
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25,26			21,21,2,22,23,29,2,30, ,30.2	8,9,9.3	9,10,11
	14,15,16,17	10,11			2	
2YMZ4V	Investigator® 24plex QS (TrueAllele)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results					
38HURZ	Investigator® 24plex (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
38YLMJ	Identifiler® Plus (STRmix v2.10.0)					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
39U4PK	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix V2.5.11)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
3A29V2	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14,15	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
3N3KQZ	Investigator® 24plex					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
3PGEFT	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
3XMJ44	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
3Y9XWM	Identifiler® Plus					
4sp	22,25		15,17		11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9,3	9,11
	15,17					
42MH63	GlobalFiler™ (STRmix)					
4sp	11,17,3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	11			2	
44FDUW	GlobalFiler™					
4sp	11,17,3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	11			2	
4AXEW9	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17,3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30,2	9,9,3	9,11
	15,17	11	17	17		
4LCC4W	Investigator® 24plex QS (STRmix)					
4sp	11,17,3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	11				
4RZW8D	PowerPlex® Fusion 6C					
4sp	11,17,3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30,2	9,9,3	9,11
	15,17	11	17	17		
4U8BDJ	Investigator® 24plex QS Kit					
4sp	11,17,3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	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 4sp - STR Results						
4VDV2J	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
67G93J	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
6CHKV	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
6F7WXL	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
6H633Y	GlobalFiler™ (STRmix v2.6.3)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
6YTQHF	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
6YWBP	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
6Z4PEB	PowerPlex® Fusion 6C (STRmix 2.6.2)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
6Z8KD4	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
73TNL2	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
778J2X	Investigator® 24plex QS (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
77C9D4	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25,26			22,30.2	9,9.3	9,11
	15,17	11			2	
7GD4NZ	GlobalFiler™ (STRmix v2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
7KCFKZ	GlobalFiler™ (STRmix v2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	NT
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	NT	NT	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results					
7PL9NP	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
7QHNWF	Identifier® Plus (STRmix v 2.10.0)					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
836BG2	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
84FC6K	GlobalFiler™ (STRmix 2.8)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25,26			21,21.2,22,23,29.2,30 ,30.2,31.2	8,9,9.3	9,10,11
	14,15,16,17	10,11			2	
89UQ9T	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
8JUHGK	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
8N7VAY	GlobalFiler™ (STRmix v2.4)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	11,15,16	X,Y	10,11,12
	22,23,24,25			21,22,29.2,30.2	9,9.3	9,11
	14,15,16,17	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 4sp - STR Results						
8QXRYT	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
94VTZD	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
96QC2E	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
9FNHTR	Investigator® 24plex QS (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
9JCR6E	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
9JNQZN	Investigator® 24plex QS					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
9MB32E	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
9PFVQ7	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
9R48RX	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
9URBDW	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
9Y2YZR	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
A6493D	PowerPlex® 21 (STRmix)					
4sp	11,17.3	22,25		15,16,17	11,12	12,12
	11,12	13,14		17,18	11,12	12,12
	14,14	12,14,16	28,29		X,Y	11,12
	23,25	12,12	7,10		9,9.3	9,11
	15,17					
A6LGUT	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
A977HC	PowerPlex® Fusion 6C (STRMix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
AH9QFY	GlobalFiler™ (STRmix)					
	11,17.3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
AKGARV	PowerPlex® Fusion 5C					
	11,17.3	22,25	10,13	15,17	11,12	--
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	--	9,9.3	9,11
	15,17	11	--	--	--	
ANY2QW	GlobalFiler™ (STRmix)					
	11,17.3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
AQ6JQD	GlobalFiler™ (STRmix)					
	11,17.3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
ARKKVZ	GlobalFiler™ (STRmix)					
	10,11,16,3,17,1,17,3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
4sp	10,11,12	12,13,14	12,13,14	16,17,18	9,10,11,12	11,12,13
	13,14,15	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21,2,22,23,29,2,30 ,30,2,31,2	8,9,9.3	9,10,11
	14,15,16,17	10,11			2	
AUAJ3Q	PowerPlex® Fusion 6C					
	11,17.3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
AVYNVX	GlobalFiler™ (STRmix v2.8)					
	11,17.3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
AZPRBZ	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25,[26]	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
B2MT4T	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
B8UQLQ	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
BBU3HQ	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
BJJTZC	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
BKFTVP	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
BWBE9R	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
C3R8YH	Investigator® 24plex (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
CEKWRW	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
CEMLWU	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
CHLWUE	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
CKQMWN	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
CL8GZJ	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,[16],17	11,12,[13]	
	11,12	13,14	13,14	17,18	11,12	12
	14,[15]	14,16	28,29,[31]	11,16	X,Y	11,12
	23,25			[21.2],22,30.2	9,9.3	9,11
	15,17	11			2	
CW7CXE	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
CZ7NUE	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
D4Z4JD	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
D6Q6KU	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
DBYYTR	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
DTJP RR	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
DZ3TYU	GlobalFiler™ (STRmix)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12,13
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25,26			21,22,23,29.2,30.2,31 .2	8,9,9.3	8,9,10,11
	14,15,16,17	11			2	
DZGR2B	PowerPlex® Fusion 6C (STRMIX)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
E72YTM	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
EAKJMB	Identifiler® Plus (GeneMapper ID-X 1.6)					
4sp	22,25		15,17		11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
EC84RE	GlobalFiler™ (STRmix 2.8)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21.2,22,23,29.2,30 ,30.2	8,9,9.3	9,10,11
	14,15,16,17	10,11			2	
EEWWGP	Investigator® 24plex QS (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
EFAAKL	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
EHEYNV	NGM SElect					
4sp	11,17.3	22,25	10,13	15,17		
		13,14	13,14	17,18		12
	14	14,16	28,29	11,16	X,Y	
	23,25			22,30.2	9,9.3	
	15,17					
EKMMAT	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
EMQF7C	GlobalFiler™ (STRmix V2.5.11)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
EXNH7Z	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
F4AVH8	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
F7W8LJ	GlobalFiler™					
4sp	11,17.3,[-]	[19],22,25,[-]	10,13,[14],[-]	15,17,[-]	11,12,[-]	
	11,12,[-]	13,14,[-]	13,14,[-]	17,18,[-]	11,12,[-]	12,[-]
	14,[15],[-]	[12],14,16,[-]	28,29,[-]	11,16,[-]	X,Y	11,12,[-]
	23,25,[26],[-]			22,30.2,[-]	9,9.3,[-]	9,11,[-]
	15,17,[-]	11,[-]			2,[-]	
F96MTP	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
FC4XNP	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
FDXL A7	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
FZAG2A	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
G7GARY	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11,11			2	
G8779K	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
G9HDJL	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
GBPTRD	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
GGF2D7	GlobalFiler™ (STRmix v2.9)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
GMZ768	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
GRXMKL	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
GVFCWR	GlobalFiler™ (STRMIX)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
HB6C94	Identifiler® Plus (STRmix v2.10.0)					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
HE8DBL	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
HGVKW4	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
HJVKLM	GlobalFiler™ (GeneMapper ID-X 1.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
HQGTGQ	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
HR9CCK	Investigator® 24plex					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
HTJDXJ	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
HY97GQ	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
J2BNQ7	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
J4PWMY	GlobalFiler™ (Euroformix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
J6VDEP	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
J9CX26	Identifiler® Plus					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	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 4sp - STR Results					
JBYH7A	GlobalFiler™ (STRmix 2.8)					
	10,11,16,3,17,3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
4sp	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21,2,22,29,2,30,30 .2,31,2	8,9,9,3	9,11
	14,15,16,17	10,11			2	
JD8RWL	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30,2	9,9,3	9,11
	15,17	11	17	17		
JLUUHL	PowerPlex® Fusion 6C (STRMix v2.8)					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30,2	9,9,3	9,11
	15,17	11	17	17		
JLXD46	PowerPlex® Fusion 5C					
	11,[13,15],17,3	[19,21],22,25	10,[12],13,[14]	15,[16],17	11,12,[13]	
4sp	[10],11,12	13,14	13,14	17,18,[23]	[9],11,[12]	12
	14,[15]	[12],14,16	28,29,[30,31]	11,16	X,Y	11,12
	23,25,[26]	[9,11],12	[5],7,10,[11]		[6,7],9,9,3	[8],9,11
	[14],15,17	11				
JQEFBA	GlobalFiler™ (STRmix 2.8)					
	10,11,16,3,17,3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
4sp	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21,2,22,29,2,30,30 .2	8,8,3,9,9,3	9,11
	14,15,16,17	10,11			2	
JQR827	Identifiler®					
		22,25		15,17	11,12	
4sp	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9,3	9,11
	15,17					
JRTEJK	GlobalFiler™					
	11,17,3	22,25	10,13	15,17	11,12	
4sp	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30,2	9,9,3	9,11
	15,17	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 4sp - STR Results						
JUBWCP	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
JUER8A	GlobalFiler™ (STRmix 2.8)					
4sp	10,11,16.3,17.1,17.3	21,22,24,25	9,10,11,12,13,14	14,15,16,17,18	10,11,12,13	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12,13
	13,14	13,14,15,16	27,28,29	10,11,12,15,16,17	X,Y	10,11,12
	21,22,23,24,25,26			20,31.2,21,21.2,22,23 ,28,29.2,30,30.2	8,9,9.3	8,9,10,11
	14,15,16,17	10,11			2	
JVM2Y8	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
JWZDZX	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
JY646R	GlobalFiler™ (STRmix)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21.2,22,29.2,30.2	9,9.3	9,11
	14,15,16,17	10,11			2	
K4WRX4	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
K73DQA	GlobalFiler™					
4sp	11,[15],17.3	22,25	10,13	15,[16],17	11,12	
	[10],11,12	13,14	13,14	17,18	[9],11,12	12
	14	[12],14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
K7K42F	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
K9CTBH	Investigator® 24plex (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
KBGV67	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
KDMD7M	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
KEHW8N	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
KGH823	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
KLC2Y6	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
KUBL67	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
KWX7BA	GlobalFiler™ (STRMix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
L4CBKL	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
L7EATU	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
L9QGAN	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
LAFHX4	PowerPlex® Fusion 6C (STRMix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
LGEYCF	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
LLU832	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
LPRJMM	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
LVWPD4	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12		22,30.2	9,9.3	9,11
	15,17	11			2	
M3X7LN	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
MM2EUF	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
MQZH8Z	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
MZBKT2	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
N4QGWG	PowerPlex® Fusion 6C (STRmix v 2.8.0)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
N6XYTR	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25,[26]	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
N782JW	PowerPlex® Fusion 6C (STRmix v.2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
N83KKY	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
NCYEUF	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
NDQ8CX	Identifiler® Plus (STRmix v2.10.0)					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
NL7QXH	PowerPlex® Fusion 6C (STRmix v.2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results					
NYRQGC	GlobalFiler™ (STRmix V2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
P4HUWE	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
P4XDGC	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
P9CQJK	GlobalFiler™ (STRmix v. 2.8)					
4sp	10,11,16.3,17.3	22,25	10,13	14,15,16,17	11,12	
	11,12	12,13,14	12,13,14	17,18	11,12	11,12
	13,14	13,14,15,16	28,29	11,15,16	X,Y	11,12
	23,24,25			21,22,29.2,30.2	9,9.3	9,11
	14,15,16,17	10,11			2	
PHZCHB	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
PJVVKC	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
PMVC7Y	PowerPlex® Fusion 5C					
4sp	11,17.3	22,25	10,13	15,17	11,[12]	
	11,[12]	13,14	13,14	17,18	[11],12	12
	14	14,16	28,29	11,16	X,Y	11,[12]
	23,25	12	7,10		9,9.3	9,[11]
	15,17	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 4sp - STR Results						
PMY29B	GlobalFiler™ (STRMIX)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
PPY8P3	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
PRP9T6	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
PZC4YT	GlobalFiler™ (Euroformix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
Q3K42K	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	[9],12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
Q4WJUZ	PowerPlex® 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
Q68N8N	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
QAHTKA	Investigator® 24plex QS (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
QCRJAD	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
QGJFQB	Investigator® 24plex					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
QJ6U2J	GlobalFiler™ (STRmix)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21.2,22,29.2,30,30 .2,31.2	6,9,9.3	9,11
	14,15,16,17	10,11		2		
QNMW9P	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11		2		
R28QY9	Investigator® 24plex QS (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
RFJW2E	GlobalFiler™ (STRmix v2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
RGJAVF	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
RGXW3W	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
RHBTQ9	GlobalFiler™ (STRmix V2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
RHETXG	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
RKX6DX	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
RLD37X	Identifiler® Plus					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
RNJPJ3	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
RPC8BA	Investigator® 24plex					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
RPUYMF	GlobalFiler™ (STRmix 2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	Not tested
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	Not tested	Not tested	22,30.2	9,9.3	9,11
	15,17	11	Not tested	Not tested	2	
RQPHNG	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
RU3KBD	PowerPlex®					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
RYYJWF	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
T3VM3T	PowerPlex® Fusion 6C (STRmix v2.8)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
T63ZKV	PowerPlex® Fusion 5C					
4sp	11,17.3	22,[25]	10,13	[15],17	11,12	
	11,[12]	13,14	13,[14]	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10		9,9.3	9,11
	15,[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 4sp - STR Results						
T8PLDH	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
TBM3PC	PowerPlex® Fusion 6C (STRmix version 2.8.0)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
TDB6L8	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
THATC8	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
TNYBQH	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
TWTDWZ	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
U6GNJ2	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
U6Z6QB	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
UAV7YW	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
UFVBJ9	GlobalFiler™ (STRmix v2.6.3)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
UGB8WL	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
UK9N9F	GlobalFiler™ (STRmix)					
4sp	11,16,3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	17,18	10,11,12	11,12
	13,14,15	13,14,15,16	27,28,29	11,15,16	X,Y	10,11,12
	22,23,24,25			21,21,2,22,29,2,30.2	8,9,9.3	9,11
	15,16,17	10,11			2	
UYBKKA	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
V3QEZ7	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
V9B8Y6	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
V9WGAU	Identifiler® Plus					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
VKL8L6	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
VRQGY6	Investigator® 24plex QS (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
W4GB8T	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
W72M2B	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
WFP9VT	Identifiler® Plus					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	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 4sp - STR Results						
WPFVNA	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
WTFDE7	Investigator® 24plex (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11				
WU9V36	GlobalFiler™ (STRmix)					
4sp	11,17.3	19,22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
WWVF9A	PowerPlex® Fusion 6C (STRMix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25	12,12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
X8AR2X	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
X978AN	PowerPlex® 21					
4sp	11,17.3	22,25		15,17	11,12,[13]	12,12
	11,12	13,14		17,18	11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25	12,12	7,10		[7],9,9.3	9,11
	15,17					
XJLL84	PowerPlex® Fusion 6C					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
XPA8D6	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
XVHR23	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
XZCNN8	GlobalFiler™ (STRmix v. 2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
XZRNPP	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
YB8U46	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
YBRZEB	Identifiler® Plus					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
YDARCC	PowerPlex® Fusino 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	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 4sp - STR Results						
YFL87C	PowerPlex® Fusion 6C (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25	12	7,10	22,30.2	9,9.3	9,11
	15,17	11	17	17		
YGGHV8	GlobalFiler™ (STRmix V2.4.06)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
YGWCHF	GlobalFiler™ (STRmix v2.5)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
YHTMF4	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
Z3BC6L	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
Z8PWAM	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
ZFWVKA	GlobalFiler™ (STRmix)					
4sp	10,11,16.3,17.3	21,22,24,25	9,10,12,13	14,15,16,17	10,11,12	
	10,11,12	12,13,14	12,13,14	16,17,18	10,11,12	11,12
	13,14	13,14,15,16	27,28,29	10,11,15,16,17	X,Y	10,11,12
	22,23,24,25			21,21.2,22,29.2,30,30 .2	8,9,9.3	9,10,11
	14,15,16,17	10,11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
Item 4sp - STR Results						
ZJX3F3	GlobalFiler™ (BulletProof Sentry)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
ZKTDYN	Identifiler® Plus					
4sp		22,25		15,17	11,12	
	11,12	13,14			11,12	12,12
	14,14	14,16	28,29		X,Y	11,12
	23,25				9,9.3	9,11
	15,17					
ZNTWD4	GlobalFiler™					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12
	14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	
ZXFMJ9	GlobalFiler™ (STRmix)					
4sp	11,17.3	22,25	10,13	15,17	11,12	
	11,12	13,14	13,14	17,18	11,12	12,12
	14,14	14,16	28,29	11,16	X,Y	11,12
	23,25			22,30.2	9,9.3	9,11
	15,17	11			2	

YSTR Amplification Kit(s) & Results

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 1 - YSTR Results									
26VMEC	Yfiler™ Plus								
1	36,37	14	13,14	13	29	25	11	13	13
	15	13	12	19	30	15	15	10	22
	38	12	NT	18	17	22	23	NT	12
2QWGM2	Yfiler™ Plus								
1	36,37	14	13,14	13	29	25	11	13	13
	15	13	12	19	30	15	15	10	22
	38	12		18	17	22	23		12
32AQE8	Yfiler™								
1	36,37	14	13,14	13	29	25	11	13	13
	15	13	12	19	30	15	15	10	22
	38	12		18	17	22	23		12
38HURZ	PowerPlex® Y 23								
1		14	13,14	13	29	25	11	13	13
	15	13	12	19		15	15		22
		12	13	18	17		23	11	12
38YLMJ	Yfiler™ Plus								
1	36,37	14	13,14	13	29	25	11	13	13
	15	13	12	19	30	15	15	10	22
	38	12		18	17	22	23		12
39U4PK	Yfiler™								
1		14	13,14	13	29	25	11	13	13
	15	13	12	19		15	15		
							23		12
3N3KQZ	PowerPlex® Y 23								
1		14	13,14	13	29	25	11	13	13
	15	13	12	19		15	15		22
		12	13	18	17		23	11	12
44FDUW	Yfiler™								
1		14	13,14	13	29	25	11	13	13
	15	13	12	19		15	15		
							23		12
4AXEW9	PowerPlex® Y 23								
1		14	13,14	13	29	25	11	13	13
	15	13	12	19		15	15		22
		12	13	18	17		23	11	12
6YTQHF	Yfiler™ +								
1	36,37	14	13,14	13	29	25	11	13	13
	15	13	12	19	30	15	15	10	22
	38	12		18	17	22	23		12
6Z8KD4	PowerPlex® Y 23								
1		14	13,14	13	29	25	11	13	13
	15	13	12	19		15	15		22
		12	13	18	17		23	11	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 1 - YSTR Results										
78HVQ8	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT	12	
7QHNWTF	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
84FET4	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
89UQ9T	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
8FRK47	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT	12	
8QXRYT	Yfiler™									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15			
							23		12	
9JCR6E	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
9MB32E	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
9PFVQ7	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
9URBDW	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
A6493D	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
A6LGUT	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	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 1 - YSTR Results										
AKGARV	PowerPlex® Y 23									
1	--	14	13,14	13	29	25	11	13	13	
	15	13	12	19	--	15	15	--	22	
	--	12	13	18	17	--	23	11	12	
AQ6JQD	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
AULQB7	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
BAE3X2	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT	12	
BWBE9R	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
DBYYTR	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
DZ3TYU	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
EFAAKL	Yfiler™									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15			
							23		12	
EHEYNV	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
EXNH7Z	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
FP8R9U	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
FZAG2A	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	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 1 - YSTR Results										
G9HDJL	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
GRXMKL	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
GVFCWR	Yfiler™									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
HB6C94	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
HJVKLM	Yfiler™									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
J2BNQ7	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
J4PWMY	Argus-Y28									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	13	18	17	22	23	11	12	
JBYKTT	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
JCUZ9B	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
JLXD46	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15			22
		12	13	18	17		23	11	12	
JQEFA	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
JRTEJK	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	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 1 - YSTR Results										
JUBWCP	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
L9QGAN	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
LGEYCF	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
LVWPD4	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
M7XEQY	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
MM2EUF	Yfiler™									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15			
							23		12	
N6XYTR	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
N83KKY	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
NCYEUF	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
NKNYKR	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
P4XDGC	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
PJVKC	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	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 1 - YSTR Results										
PZC4YT	Argus-Y28									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	13	18	17	22	23	11	12	
Q68N8N	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
QGJFQB	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
QNMMW9P	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
RNJPJ3	Yfiler™									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15			
							23		12	
RPC8BA	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
RQPHNG	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23		12	
T3VM3T	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
T63ZKV	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
T8PLDH	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11	12	
TW7AZK	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15	10	22	
	38	12	NT	18	17	22	23	NT	12	
U6Z6QB	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	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 1 - YSTR Results										
UYBKKA	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
VWNZYH	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT		12
WTFDE7	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11		12
WU9V36	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
X978AN	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12		18	17	22	23			12
XBDMHF	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT		12
XEDXEF	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT		12
XPA8D6	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11		12
XVHR23	Yfiler™									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15			
							23			12
YDARCC	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11		12
YE6BED	Yfiler™ Plus									
1	36,37	14	13,14	13	29	25	11	13	13	
	15	13	12	19	30	15	15	10	22	
	38	12	NT	18	17	22	23	NT		12
YFL87C	PowerPlex® Y 23									
1		14	13,14	13	29	25	11	13	13	
	15	13	12	19		15	15		22	
		12	13	18	17		23	11		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 1 - YSTR Results									
Z3BC6L	PowerPlex® Y 23								
1	14	13,14		13	29	25	11	13	13
	15	13	12	19		15	15		22
		12	13	18	17		23	11	12
ZJHFQD	Yfiler™ Plus								
1	36,37	14	13,14	13	29	25	11	13	13
	15	13	12	19	30	15	15	10	22
		38	12	NT	18	17	22	23	NT

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

9URBDW PowerPlex® Y 23

3



AKGARV PowerPlex® Y 23

3



EHEYNV		Yfiler™ Plus									
	3	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
		NM	NM	NM		NM	NM	NM	NM		
FP8R9U		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
Item 4 - YSTR Results									
32AQE8	Yfiler™								
4	35,36	15	12,15	12	28	24	11	13	13
	15	12	13	19	29	16	17	11	22
	37	12		17	17	20	23		11
FP8R9U	PowerPlex® Y 23								
4		15	12,15	12	28	24	11	13	13
	15	12	13	19		16	17		22
		12	12	17	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 4e - YSTR Results										
26VMEC	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	11	
2QWGM2	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
38HURZ	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
38YLMJ	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11		13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
39U4PK	Yfiler™									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23		11	
3N3KQZ	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
3Y9XWM	Yfiler™ Plus									
4e										
44FDUW	Yfiler™									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23		11	
4AXEW9	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
6YTQHF	Yfiler™ +									
4e										
6Z8KD4	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
78HVQ8	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	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 4e - YSTR Results										
7QHNWF	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
84FET4	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
89UQ9T	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
8FRK47	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT		11
8QXRYT	Yfiler™									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23			11
9JCR6E	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
9MB32E	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
9PFVQ7	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
9URBDW	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
		12	12	17	17		23	10		11
A6493D	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
A6LGUT	Yfiler™ Plus									
4e										
AKGARV	PowerPlex® Y 23									
4e	--	15	12,15	12	28	24	11	13	13	
	15	12	13	19	--	16	17	--	22	
	--	12	12	17	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 4e - YSTR Results										
AQ6JQD	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
AULQB7	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
	12	12		17	17		23	10		11
BAE3X2	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT		11
BWBE9R	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
DBYYTR	Yfiler™ Plus									
4e										
DZ3TYU	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
EAKJMB	Yfiler™ Plus									
4e										
EFAAKL	Yfiler™									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23			11
EHEYNV	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
EXNH7Z	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
FZAG2A	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
G9HDJL	Yfiler™ Plus									
4e										

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 4e - YSTR Results										
GRXMKL	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
GVFCWR	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
HB6C94	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
HJVKLM	Yfiler™									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
J2BNQ7	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
J4PWMY	Argus-Y28									
4e										
J9CX26	Yfiler™ Plus									
4e	-,-	-	-,-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	
JBYKTT	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	11	
JCUZ9B	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
JLXD46	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
JQEFA	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
JQR827	Yfiler™									
4e										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 4e - YSTR Results										
JRTEJK	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
L9QGAN	PowerPlex® Y 23									
4e		12,15	12	28	24	11	13	13		
	15	12	13	19		16	17		22	
	12	12	12	17	17		23	10		11
LGEYCF	Yfiler™ Plus									
4e										
LPRJMM	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
LVWPD4	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
MM2EUF	Yfiler™									
4e	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-				
N6XYTR	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
N83KKY	PowerPlex® Y 23									
4e										
NCYEUF	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
NKNYKR	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
P4XDGC	Yfiler™ Plus									
4e										
PJVVKC	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	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 4e - YSTR Results										
PZC4YT	Argus-Y28									
4e										
Q68N8N	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
QGJFQB	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
QNMW9P	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
RLD37X	Yfiler™ Plus									
4e										
RNJPJ3	Yfiler™									
4e										
RPC8BA	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
RQPHNG	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
T3VM3T	PowerPlex® Y 23									
4e										
T63ZKV	PowerPlex® Y 23									
4e		15	[12],15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
T8PLDH	PowerPlex® Y 23									
4e		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
TW7AZK	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	11	

TABLE 3

WebCode	Amplification Kit																	
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4									
Item 4e - YSTR Results																		
U6Z6QB	Yfiler™ Plus																	
4e																		
UYBKKA	Yfiler™ Plus																	
4e	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
V9WGAU	Yfiler™ Plus																	
4e																		
WVNZYH	Yfiler™ Plus																	
4e	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12	NT	17	17	20	23	NT	11									
WFP9VT	Yfiler™ Plus																	
4e																		
WTFDE7	PowerPlex® Y 23																	
4e		15	12,15	12	28	24	11	13	13									
	15	12	13	19		16	17		22									
		12	12	17	17		23	10	11									
WU9V36	Yfiler™ Plus																	
4e																		
X978AN	Yfiler™ Plus																	
4e	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
XBDMHF	Yfiler™ Plus																	
4e	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12	NT	17	17	20	23	NT	11									
XEDXEF	Yfiler™ Plus																	
4e	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12	NT	17	17	20	23	NT	11									
XPA8D6	PowerPlex® Y 23																	
4e		15	12,15	12	28	24	11	13	13									
	15	12	13	19		16	17		22									
		12	12	17	17		23	10	11									
XVHR23	Yfiler™																	
4e		15	12,15	12	28	24	11	13	13									
	15	12	13	19		16	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 4e - YSTR Results										
YDARCC	PowerPlex® Y 23									
4e	15	12,15		12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
YE6BED	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
		37	12	NT	17	17	20	23	NT	11
YFL87C	PowerPlex® Y 23									
4e	15	12,15		12	28	24	11	13	13	
	15	12	13	19		16	17		22	
			12	12	17	17		23	10	11
Z3BC6L	PowerPlex® Y 23									
4e	15	12,15		12	28	24	11	13	13	
	15	12	13	19		16	17		22	
			12	12	17	17		23	10	11
ZJHFQD	Yfiler™ Plus									
4e	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
		37	12	NT	17	17	20	23	NT	11
ZKTDYN	Yfiler™ Plus									
4e										

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 4sp - YSTR Results										
26VMEC	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	11	
2QWGM2	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
38HURZ	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
38YLMJ	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
39U4PK	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23		11	
3N3KQZ	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
3Y9XWM	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
44FDUW	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23		11	
4AXEW9	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
6YTQHF	Yfiler™ +									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
6Z8KD4	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
78HVQ8	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	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 4sp - YSTR Results										
7QHNWF	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
84FET4	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
89UQ9T	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
8FRK47	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	11	
8QXRYT	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23		11	
9JCR6E	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
9MB32E	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
9PFVQ7	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
9URBDW	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
A6493D	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
A6LGUT	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
AKGARV	PowerPlex® Y 23									
4sp	--	15	12,15	12	28	24	11	13	13	
	15	12	13	19	--	16	17	--	22	
	--	12	12	17	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 4sp - YSTR Results										
AQ6JQD	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
AULQB7	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
BAE3X2	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT		11
BWBE9R	Yfiler™ Plus									
4sp										
DBYYTR	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
DZ3TYU	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
EAKJMB	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
EFAAKL	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23			11
EHEYNV	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
EXNH7Z	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
FZAG2A	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
G9HDJL	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	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 4sp - YSTR Results																		
GRXMKL	Yfiler™ Plus																	
4sp																		
GVFCWR	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
HB6C94	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
HJVKLM	Yfiler™																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
J2BNQ7	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
J4PWMY	Argus-Y28																	
4sp		15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12	12	17	17	20	23	10	11									
J9CX26	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
JBYKTT	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12	NT	17	17	20	23	NT	11									
JCUZ9B	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
JLXD46	PowerPlex® Y 23																	
4sp		15	12,15	12	28	24	11	13	13									
	15	12	13	19		16	17		22									
		12	12	17	17		23	10	11									
JQEFB	Yfiler™ Plus																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	23		11									
JQR827	Yfiler™																	
4sp	35,36	15	12,15	12	28	24	11	13	13									
	15	12	13	19	29	16	17	11	22									
	37	12		17	17	20	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 4sp - YSTR Results										
JRTEJK	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
L9QGAN	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
LGEYCF	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
LPRJMM	Yfiler™ Plus									
4sp										
LVWPD4	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
MM2EUF	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23			11
N6XYTR	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
N83KKY	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
NCYEUF	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
NKNYKR	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
P4XDGC	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
PJVVKC	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	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 4sp - YSTR Results										
PZC4YT	Argus-Y28									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	12	11	17	20	23	10	11	
Q68N8N	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
QGJFQB	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
QNMW9P	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
RLD37X	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
RNJPJ3	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17			
							23		11	
RPC8BA	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
RQPHNG	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23		11	
T3VM3T	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
T63ZKV	PowerPlex® Y 23									
4sp		15	[12],15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
T8PLDH	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
TW7AZK	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT	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 4sp - YSTR Results										
U6Z6QB	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
UYBKKA	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
V9WGAU	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
VVNZYH	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT		11
WFP9VT	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
WTFDE7	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
WU9V36	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
X978AN	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12		17	17	20	23			11
XBDMHF	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT		11
XEDXEF	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
	37	12	NT	17	17	20	23	NT		11
XPA8D6	PowerPlex® Y 23									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10		11
XVHR23	Yfiler™									
4sp		15	12,15	12	28	24	11	13	13	
	15	12	13	19		16	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 4sp - YSTR Results										
YDARCC	PowerPlex® Y 23									
4sp	15	12,15		12	28	24	11	13	13	
	15	12	13	19		16	17		22	
		12	12	17	17		23	10	11	
YE6BED	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
		37	12	NT	17	17	20	23	NT	11
YFL87C	PowerPlex® Y 23									
4sp	15	12,15		12	28	24	11	13	13	
	15	12	13	19		16	17		22	
			12	12	17	17		23	10	11
Z3BC6L	PowerPlex® Y 23									
4sp										
ZJHFQD	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
		37	12	NT	17	17	20	23	NT	11
ZKTDYN	Yfiler™ Plus									
4sp	35,36	15	12,15	12	28	24	11	13	13	
	15	12	13	19	29	16	17	11	22	
		37	12		17	17	20	23		11

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
QS1	4LCC4W	Q	Q	Q			Q	Q	
	EEWWGP	Q	Q	Q			Q	Q	
QS2	4LCC4W	S	S	S			S	S	
	EEWWGP	S	S	S			S	S	

DNA Interpretations

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

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22UH2Q	No	No	Yes	Yes	4RZW8D	No	No	Yes	Yes
26VMEC	No Interp	No	No Interp	No Interp	4U8BDJ	No	No	Yes	Yes
2A8ARP	No	No	Yes	Yes	4VDV2J	No	No	Yes	Yes
2BFNUN	No	No	Yes	Yes	67E9Q6	No	No	Yes	No
2DACF6	No	No	Yes	Yes	67G93J	No	No	Yes	Yes
2EZDJ8	No	No	Yes	Yes	6CHKVV	No	No	Yes	Yes
2FD8WM	No	No	Yes	Yes	6F7WXL	No	No	Yes	Yes
2G62XX	No	No	Yes	Yes	6H633Y	No	No	Yes	Yes
2JE7BL	No	No	Yes	Yes	6YTQHF	No	No	Yes	Yes
2LEJTJ	No	No	Yes	Yes	6YWBP	No	No	Yes	Yes
2LH4KT	No	No	Yes	Yes	6Z4PEB	No	No	Yes	Yes
2QWGM2	No Interp	No Interp	No Interp	No Interp	6Z8KD4	No	No	Yes	Yes
2RNHQ6	No	No	Yes	Yes	73TNL2	No	No	Yes	Yes
2UVXVP	No	No	Yes	Yes	778J2X	No	No	Yes	Yes
2V9PQR	No	No	Yes	Yes	77C9D4	No	No	Yes	Yes
2YMZ4V	No	No	Yes	Yes	78HVQ8	No Interp	No	No Interp	No Interp
32AQE8	No	No	Yes	Yes	7GD4NZ	No	No	Yes	Yes
38HURZ	No	No	Yes	Yes	7KCFKZ	No	No	Yes	Yes
38YLMJ	No	No	Yes	Yes	7PL9NP	No	No	Yes	Yes
39U4PK	No	No	Yes	Yes	7QHNWF	No	No	Yes	Yes
3A29V2	No Interp	No Interp	No Interp	No Interp	836BG2	No	No	Yes	Yes
3N3KQZ	No	No	Yes	Yes	84FC6K	No	No	Yes	Yes
3PGEFT	No	No	Yes	Yes	84FET4	No Interp	No	No Interp	No Interp
3XMJ44	No	No	Yes	Yes	89UQ9T	No	No	Yes	Yes
3Y9XWM	No	No	Yes	Yes	8FRK47	No Interp	No	No Interp	No Interp
42MH63	No	No	Yes	Yes	8JUHGK	No	No	Yes	Yes
44FDUW	No	No	Yes	Yes	8N7VAY	No	No	Yes	Yes
4AXEW9	No	No	Yes	Yes	8QXR YT	No	No	Yes	Yes
4KVEBX	No Interpretations Reported, DNA Analyzed for Database purposes only.				94VTZD	No	No	Yes	Yes
4LCC4W	No	No	Yes	Yes	96QC2E	No	No	Yes	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9FNHTR	No	No	Yes	Yes	CW7CXE	No	No	Yes	Yes
9JCR6E	No	No	Yes	Yes	CZ7NUE	No	No	Yes	Yes
9JNQZN	No	No	Yes	Yes	D4Z4JD	No	No	Yes	Yes
9MB32E	No	No	Yes	Yes	D6Q6KU	No	No	Yes	Yes
9PFVQ7	No	No	Yes	Yes	DB6JPN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9R48RX	No	No	Yes	Yes	DBYYTR	No	No	Yes	Yes
9URBDW	No	No	Yes	Yes	DTJPRR	No	No	Yes	Yes
9Y2YZR	No	No	Yes	Yes	DZ3TYU	No	No	Yes	Yes
A6493D	No	No	Yes	Yes	DZGR2B	No	No	Yes	Yes
A6LGUT	No Interp	No Interp	No Interp	No Interp	E72YTM	No	No	Yes	Yes
A977HC	No	No	Yes	Yes	EAKJMB	No	No	Yes	Yes
AH9QFY	No	No	Yes	Yes	EC84RE	No	No	Yes	Yes
AKGARV	No	No	Yes	Yes	EEWWGP	No	No	Yes	Yes
ANY2QW	No	No	Yes	Yes	EFAAKL	No	No	Yes	Yes
AQ6JQD	No	No	Yes	Yes	EHEYNV	No	No	Yes	Yes
ARKKVZ	No	No	Yes	Yes	EKMMAT	No	No	Yes	Yes
AUAJ3Q	No	No	Yes	Yes	EMQF7C	No	No	Yes	Yes
AULQB7	No Interp	No	No Interp	No Interp	EXNH7Z	No	No	Yes	Yes
AVYNVX	No	No	Yes	Yes	F4AVH8	No	No	Yes	Yes
AZPRBZ	No	No	Yes	Yes	F7W8LJ	No	No	Yes	Yes
B2MT4T	No	No	Yes	Yes	F96MTP	No	No	Yes	Yes
B8UQLQ	No	No	Yes	Yes	FC4XNP	No	No	Yes	Yes
BAE3X2	No Interp	No	No Interp	No Interp	FDXLA7	No	No	Yes	Yes
BBU3HQ	No	No	Yes	Yes	FP8R9U	No	No	Yes	Yes
BJTZC	No	No	Yes	Yes	FZAG2A	No	No	Yes	Yes
BKFTVP	No	No	Yes	Yes	G7GARY	No	No	Yes	Yes
BWBE9R	No Interp	No Interp	No Interp	No Interp	G8779K	No	No	Yes	Yes
C3R8YH	No	No	Yes	Yes	G9HDJL	No	No	Yes	Yes
CEKWRW	No	No	Yes	Yes	GBPTRD	No	No	Yes	Yes
CEMLWU	No	No	Yes	Yes	GF47VK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CHLWUE	No	No	Yes	Yes	GGF2D7	No	No	Yes	Yes
CKQMWN	No	No	Yes	Yes	GMZ768	No	No	Yes	Yes
CL8GZJ	No	No	Yes	Yes					

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
GRXMKL	No Interp	No Interp	No Interp	No Interp	KBGV67	No	No	Yes	Yes
GVFCWR	No	No	Yes	Yes	KDMD7M	No	No	Yes	Yes
HB6C94	No	No	Yes	Yes	KEHW8N	No	No	Yes	Yes
HE8DBL	No	No	Yes	Yes	KGH823	No	No	Yes	Yes
HGVKW4	No	No	Yes	Yes	KLC2Y6	No	No	Yes	Yes
HJVKLM	No	No	Yes	Yes	KN6VZE	No	No	Yes	Yes
HQGTGQ	No	No	Yes	Yes	KUBL67	No	No	Yes	Yes
HR9CCK	No	No	Yes	Yes	KWX7BA	No	No	Yes	Yes
HTJDXJ	No	No	Yes	Yes	L4CBKL	No	No	Yes	Yes
HY97GQ	No	No	Yes	Yes	L7EATU	No	No	Yes	Yes
J2BNQ7	No	No	Yes	Yes	L9QGAN	No	No	Yes	Yes
J4PWMY	No	No	Yes	Yes	LAFHX4	No	No	Yes	Yes
J6VDEP	No	No	Yes	Yes	LGEYCF	No	No	Yes	Yes
J9CX26	No	No	Yes	Yes	LLU832	No	No	Yes	Yes
JBYH7A	No	No	Yes	Yes	LPRJMM	No	No	Yes	Yes
JBYKTT	No Interp	No	No Interp	No Interp	LVWPD4	No	No	Yes	Yes
JCUZ9B	No	No	Yes	No Interp	M3X7LN	No	No	Yes	Yes
JD8RWL	No	No	Yes	Yes	M7XEQY	No	No	Yes	Yes
JLHUHL	No	No	Yes	Yes	MM2EUF	No	No	Yes	Yes
JLXD46	No	No	Yes	Yes	MQZH8Z	No	No	Yes	Yes
JQEFA	No	No	Yes	Yes	MXJQUB	No	No	Yes	Yes
JQR827	Yes	Yes	No	No	MZBKT2	No	No	Yes	Yes
JRTEJK	No Interp	No Interp	No Interp	No Interp	N4QGWG	No	No	Yes	Yes
JUBWCP	No	No	Yes	Yes	N6XYTR	No Interp	No	No Interp	Yes
JUER8A	No	No	Yes	Yes	N782JW	No	No	Yes	Yes
JVM2Y8	No	No	Yes	Yes	N83KKY	No	No	Yes	Yes
JWZDZX	No	No	Yes	Yes	NCYEUF	No	No	Yes	Yes
JY646R	No	No	Yes	Yes	NDQ8CX	No	No	Yes	Yes
K4WRX4	No	No	Yes	Yes	NHNNQC	No Interpretations Reported, DNA Analyzed for Database purposes only.			
K73DQA	No	No	Yes	Yes	NKNYKR	No Interp	No	No Interp	No Interp
K7K42F	No	No	Yes	Yes	NL7QXH	No	No	Yes	Yes
K9CTBH	No	No	Yes	Yes	NW6LVD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KA3UEK	No Interp	No Interp	No Interp	No Interp					

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NYRQGC	No	No	Yes	Yes	RQPHNG	No	No	Yes	Yes
NZ4XRD	No Interpretations Reported, DNA Analyzed for Database purposes only.				RU3KBD	No	No	Yes	Yes
P4HUWE	No	No	Yes	Yes	RYYJWF	No	No	Yes	Yes
P4XDGC	No	No	Yes	Yes	T3VM3T	No	No	Yes	Yes
P9CQJK	No	No	Yes	Yes	T63ZKV	No	No	Yes	Yes
PHZCHB	No	No	Yes	Yes	T8PLDH	No	No	Yes	Yes
PJVVKC	No	No	Yes	Yes	TBM3PC	No	No	Yes	Yes
PMVC7Y	No	No	Yes	Yes	TDB6L8	No	No	Yes	Yes
PMY29B	No	No	Yes	Yes	THATC8	No	No	Yes	Yes
PPY8P3	No	No	Yes	Yes	TNYBQH	No	No	Yes	Yes
PRP9T6	No	No	Yes	Yes	TW7AZK	No Interp	No	No Interp	No Interp
PW2GUA	No	No	Yes	Yes	TWTDWZ	No	No	Yes	Yes
PZC4YT	No	No	Yes	Yes	U6GNJ2	No	No	Yes	Yes
Q3K42K	No	No	Yes	Yes	U6Z6QB	No	No	Yes	Yes
Q4WJUZ	No	No	Yes	Yes	UAV7YW	No	No	Yes	Yes
Q68N8N	No	No	Yes	Yes	UFVBJ9	No	No	Yes	Yes
QAHTKA	No	No	Yes	Yes	UGB8WL	No	No	Yes	Yes
QCRJAD	No	No	Yes	Yes	UK9N9F	No	No	Yes	Yes
QGJFQB	No	No	Yes	Yes	UKWK6	No	No	Yes	Yes
QJ6U2J	No	No	Yes	Yes	UYBKKA	No	No	Yes	Yes
QNMW9P	No	No	Yes	Yes	V3QEZ7	No	No	Yes	Yes
R28QY9	No	No	Yes	Yes	V9B8Y6	No	No	Yes	Yes
RFJW2E	No	No	Yes	Yes	V9WGAU	No	No	Yes	Yes
RGJAVF	No	No	Yes	Yes	VKL8L6	No	No	Yes	Yes
RGXW3W	No	No	Yes	Yes	VRQGY6	No	No	Yes	Yes
RHBTQ9	No	No	Yes	Yes	VVNZYH	No Interp	No	No Interp	No Interp
RHETXG	No	No	Yes	Yes	W4GB8T	No	No	Yes	Yes
RKX6DX	No	No	Yes	Yes	W72M2B	No	No	Yes	Yes
RLD37X	No	No	Yes	Yes	WFP9VT	No	No	Yes	Yes
RNJPJ3	No	No	Yes	Yes	WPFVNA	No	No	Yes	Yes
RPC8BA	No	No	Yes	Yes	WTFDE7	No	No	Yes	Yes
RPUYMF	No	No	Yes	Yes	WU9V36	No	No	Yes	Yes
					WWVF9A	No	No	Yes	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
X8AR2X	No	No	Yes	Yes					
X978AN	No	No	Yes	Yes					
XBDMHF	No Interp	No	No Interp	No Interp					
XC76D9									
XD3WU3	No	No	Yes	Yes					
XEDXEF	No Interp	No	No Interp	No Interp					
XJLL84	No	No	Yes	Yes					
XPA8D6	No	No	Yes	Yes					
XULEEA	No	No	Yes	Yes					
XVHR23	No	No	Yes	Yes					
XZCNN8	No	No	Yes	Yes					
XZRNPP	No	No	Yes	Yes					
YB8U46	No	No	Yes	Yes					
YBRZEB	No	No	Yes	Yes					
YDARCC	No	No	Yes	Yes					
YE6BED	No Interp	No	No Interp	No Interp					
YFL87C	No	No	Yes	Yes					
YGGHV8	No	No	Yes	Yes					
YGWCHF	No	No	Yes	Yes					
YHRVJG	No Interp	No Interp	No Interp	No Interp					
YHTMF4	No	No	Yes	Yes					
YJ33ZC	No	No	Yes	Yes					
Z3BC6L	No	No	Yes	Yes					
Z8PWAM	No	No	Yes	Yes					
Z9VCKY	No	No	Yes	Yes					
ZFWWKA	No	No	Yes	Yes					
ZJHFQD	No Interp	No	No Interp	No Interp					
ZJX3F3	No	No	Yes	Yes					
ZKTDYN	No	No	Yes	Yes					
ZNTWD4	No	No	Yes	Yes					
ZXFMJ9	No	No	Yes	Yes					

		DNA Interpretation							
Response Summary		Participants reporting DNA results: 286							
<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		1	1	255	254				
No		255	270	1	2				
Inc		0	0	0	0				
No Interpretation		23	8	23	23				
No Response		1	1	1	1				

Participants analyzing DNA for database purposes only: 6

Additional Comments

TABLE 6

WebCode	Additional Comments
22UH2Q	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.
26VMEC	NT = Not Tested
2FD8WM	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.
2G62XX	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. 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.
2JE7BL	Based on the laboratory's proficiency test schedule, Y-STR analysis and Individual Characteristic Database entry are performed once per calendar year. Y-STR analysis and Individual Characteristic Database entry were not performed in this proficiency test.
2QWGM2	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.
2V9PQR	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.
2YMZ4V	For item 04, some alleles present in sperm fraction were used to complete allele listings in epithelial fraction.
38HURZ	NR=no results
38YLMJ	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 4e. The results listed in the CTS report reflect DNA profiles with stutter filters on. For 4e minor alleles observed are indicated by brackets. The Y STR results for 4e at DYS385 and DYS387 did not meet our analytical threshold, therefore it is possible an additional peak(s) may be present which have not been detected. At DYS392 a low level '13' was detected in one of the two replicate analyses of this sample, but not in the second, therefore it did not meet our reporting threshold. The Y STR results for 4sp at DYS387 did not meet our analytical threshold, therefore it is possible an additional peak(s) may be present which have not been detected.
3A29V2	This individual performs screening and Y-screening as an analyst and sets up amplification and capillary electrophoreses but is not authorized to interpret STR data. Allele 15 at D18S51 in Item 4sp fraction is carryover from Item 4e fraction.
3N3KQZ	NR= no results
42MH63	NR = no results

TABLE 6

WebCode	Additional Comments
44FDUW	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 Kit on Proflex system. -Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 1 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.
4LCC4W	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
4VDV2J	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.
6Z4PEB	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: 2s_U. Item 4 (fraction 1): 2sU_UU. Per FBU policy, STRmix would not be run in casework for Item 4 (fraction 1) as this item was the suspect's (2s). Statistic run for PT purposes only. Items 1 and 2 were excluded from Item 4 fraction 2; no statistic was generated. NID= No Interpretable Data. PowerPlex Y23 was run on Item 1, Item 4 fraction 1, and Item 4 fraction 2 for sample processing only.
73TNL2	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. N/A = Not applicable. N/R = No Result.
77C9D4	Analyst does not conduct body fluid screening.
78HVQ8	YSTR Only. NT = Not Tested.
7GD4NZ	NR = No Results
7KCFKZ	NR = No results. NT = Not tested. An additional '26' peak was called at FGA for the sperm fraction of item 4 (4sp). This peak was in the N+4 position (~2.02%), which could be considered slightly elevated forward (N+4) stutter. This peak may also be consistent with carryover from the non-sperm fraction (4e). Based on these reasons, this peak was not reported. An additional '23' peak was called at SE33 for the sperm fraction of item 4 (4sp). This peak was in the N+4 position (~2.5%). This peak was not observed in the non-sperm fraction (4e), so it could not be consistent with carryover. This peak is consistent with elevated forward (N+4) stutter at ~ 2.5% and was therefore not reported.
7QHNWF	For item 3 a likelihood ratio calculation was carried. Following statistical analysis, it has been determined that the likelihood of obtaining these DNA results is at least three hundred thousand million times more likely if the DNA in this sample originated from the female suspect rather than from another female selected at random from the general population. For the epithelial fraction of item 4 a likelihood ratio was also carried out. Following statistical analysis, it has been determined that the likelihood of obtaining these DNA results is at least seven hundred thousand million times more likely if the DNA in this sample originated from the female suspect and an unknown male rather than from two other people selected at random from the general population. Mixture deconvolution for the epithelial fraction of item 4 and likelihood ratio calculations were carried out using STRmix v 2.10.0.
84FC6K	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.

TABLE 6

WebCode	Additional Comments
84FET4	Benchwork performed by qualified DNA analyst. Analysis & interpretation performed by reporting DNA analyst. #2 extracted and halted after quant (no male DNA). #3 extracted (differential extraction) and both fractions halted after quant (no male DNA). Per policy, this proficiency test covers Yfiler Plus testing only. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
8FRK47	NT = NOT TESTED. Testing performed on items with male DNA only and using the YFP amplification kit.
8N7VAY	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No Results.
8QXRYT	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 Kit on Proflex system. -Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 1 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.
94VTZD	[From Table 1: Serology Screening Results, Items 3 and 4, Saliva Test Performed: "Scenario does not indicate oral contact."]
96QC2E	For item 1.4Stain 1 EF, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
9FNHTR	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
9PFVQ7	NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
9Y2YZR	(4)- AP test was inconclusive due to unexpected color change (green)
A6LGUT	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.
AQ6JQD	For Item #4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
AUAJ3Q	^ indicates peaks below stochastic threshold as per DFS policy
B8UQLQ	[Redacted to maintain anonymity]
BAE3X2	NT = Not tested. YFP only no GF tested. Item #3 - no male DNA present. Samples halted at quantitation.
BWBEBR	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.
CEMLWU	Elevated stutter observed in Item 3 (15 at D19, 21 at SE33) and in Item 4 e fraction (15 at D19)

TABLE 6

WebCode	Additional Comments
DZ3TYU	NR = no result. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. The AP tests conducted on Items 3 and 4 were inconclusive due to the stain color interfering with the ability to visualize the test results.
DZGR2B	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.
EC84RE	For items 3 and 4, the results included all detected alleles along with the associated stutter peaks. This reflects the data that is imported into STRmix in order to perform probabilistic genotyping.
EFAAKL	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 was extracted using QIAsymphony DNA Investigator KIT via QIAsymphony SP. Item 4 was extracted using chelex differential extraction method. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 1 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. *NM represent non-male profile.
EXNH7Z	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. Full profiles were obtained for the epithelial and sperm fraction, however, there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. NR= No Results
F4AVH8	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.
F7W8LJ	This test was completed for DNA only. Serology results obtained from [Laboratory] CTS test 24-5706:C. Item 4: Loci with "--": -- Possible additional genetic information may be present. No additional peaks were detected.
FRFC99	Presumptive testing detected the possible presence of blood on Items 3 and 4. Spermatozoa were observed on Item 4, which confirms the presence of semen. Semen was not detected on Item 3. Visual examination with an alternate light source was performed on Items 3 and 4.
FZAG2A	NR=No Reaction

TABLE 6

WebCode	Additional Comments
G7GARY	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. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
G8779K	^ - indicates allele below stochastic threshold per SOP. NR - indicated no result per SOP.
G9HDJL	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the suspect or the male donor from the sperm fraction.
GGF2D7	For item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
GMZ768	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.
GRXMKL	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.
HB6C94	The probabilistic genotyping software STRmix (v2.10.0) was used to resolve the mixed DNA profile obtained from sample 4e. The results listed in the CTS report reflect DNA profiles with stutter filters on. Y STR results not used for interpretation.
HR9CCK	NR = No Results
HTJDXJ	NR = No results. ^ = indicates peak below stochastic threshold.
JBYH7A	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.
JBYKTT	NT = Not tested. #2 and #3 extracted and halted due to only YFP testing only.
JCUZ9B	No interpretation selection -> item #4 only amplified in YFiler Plus.
JEK4YW	This proficiency test has been completed within the scope of my training, serological testing only. DNA analysis was not performed.
JQEFBA	For items 3 and 4, the GlobalFiler 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.
JRTEJK	Proficiency performed by technician, laboratory does not allow for interpretation of data by technicians
JUER8A	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.
JVM2Y8	reporting results with stutter filters on

TABLE 6

WebCode	Additional Comments
JWZDZX	Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3: 2s_U. Item 4f1: 2sU_UU. Did not assume suspect on her own car in order to provide statistic. NID= no interpretable data. D6 ANDE FlexPlex locus additional run for Item 1. Only Powerplex Fusion 6C data used in STRmix runs
K4WRX4	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.
K9CTBH	NR=no result. n/a=not applicable.
KA3UEK	This analyst is only authorized to perform Y-screening, blood screening, and rapid DNA on reference samples but not authorized to interpret STR data.
KGH823	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.
KLC2Y6	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.
KN6VZE	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. 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.
L7EATU	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. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.

TABLE 6

WebCode	Additional Comments
LAFHX4	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.
LGEYCF	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the donor of the sperm fraction. No alleles are present that cannot be attributed to the suspect or the donor of the sperm fraction.
MM2EUF	Extraction: Item 3 was extracted using Automated ABI PrepFiler Express. Item 4 was extracted using Differential Chelex Extraction. 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 1 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.
MQZH8Z	NR - no result
MXJQUB	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. Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
MZBKT2	NR = no results
N4QGWG	STRmix decons of Item 4e with and without assumption of sf male were not fully deduced at D10S1248. Item 4e at D10S1248 has peak height imbalance. This item will be reported as 13, (14) to indicate this, the bracket does not indicate a minor allele as described in the QA manual.
N6XYTR	NID = No Interpretable data. Item 3 = no male DNA, did not amplify sample and no interpretations made. Item 4 = amplified with Fusion 6C for differential separation only.
NDQ8CX	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 4e. The results listed in the CTS report reflect DNA profiles with stutter filters on.
NUY27R	Y-Screening conducted on item 3 and 4. Male DNA was indicated on item 4. Male DNA was not indicated on item 3.
P4XDGC	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the suspect or the semen donor from the sperm fraction.

TABLE 6

WebCode	Additional Comments
PW2GUA	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. Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
Q68N8N	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. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. NR = no result
QAHTKA	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
QGJFQB	NR-no results
QNMW9P	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. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
R28QY9	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
RGXW3W	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.
RPC8BA	NR: No results
THATC8	Luminol and Phenolphthalein only tests are presumptive tests for blood. These tests alone do not confirm the presence of blood. 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. The amylase radial diffusion method is a presumptive test for amylase, an enzyme found in body fluids, including saliva.
TLMQJU	Presumptive testing detected the possible presence of blood on Items 3 and 4. Spermatozoa were observed on Item 4, which confirms the presence of semen. Semen was not detected on Item 3. Visual examination with an Alternate Light Source was performed on Items 3 and 4.
TW7AZK	Processing of DNA samples, done by qualified DNA analyst. Analysis and reporting done by test holder. Amplification with only YFiler Plus was performed for proficiency. NT = No Testing.

TABLE 6

WebCode	Additional Comments
UKVWK6	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. 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.
VRQGY6	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
VVNZYH	Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification. NT = Not tested.
W4GB8T	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.
W72M2B	NR = No results
WTFDE7	NR = no results
WU9V36	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction. No alleles are present in the non-sperm fraction that cannot be attributed to the female suspect or the donor of the sperm fraction. An additional allele was observed in the sperm fraction of item 4, consistent with the female donor of the non-sperm fraction, and is therefore likely carryover from the non-sperm to the sperm fraction due to incomplete separation.
XBDMHF	NT=Not tested. This was a Y-STR test only. Samples with no male DNA detected in quant were halted per policy. Items #2, #3, EF and #3, SF did not have male DNA detected. These samples were halted after Quant and did not go further.
XC76D9	Only reporting biological screening for items 3 and 4, no DNA typing conducted, and no interpretation performed on these items. DNA typing conducted on items 1 and 2 only. This is the extent to which the analyst is authorized to perform testing in the laboratory.
XD3WU3	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. 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.
XEDXEF	Based on case scenario, only samples with male DNA were amplified. NT = Not tested.
XJLL84	NR - No Result. ^ - Indicates peaks below stochastic threshold as per DFS policy.
XPA8D6	NR= No DNA results

TABLE 6

WebCode	Additional Comments
XVHR23	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 were extracted using QIAasympo DNA Investigator Kit via QIAasympo SP platform. Item 4 were extracted using chelex differential extraction method. Quantification: Item 3 and Item 4 were quantified using Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler kit on 9700 GeneAmp PCR System. Item 1 and Item 4 were amplified using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Item 1 and Item 2 (GlobalFiler Express), Item 3 and Item 4 (GlobalFiler) and Item 1 and Item 4 (Y-Filer) were carried out on Genetic Analyzer 3500xL. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM : non-male profile.
XZCNN8	Item 3: AP (inconclusive), PSA (negative), and micro (negative); therefore, overall conclusion is no semen detected. Item 4: AP (inconclusive), PSA (positive), and micro (positive); therefore, overall conclusion is semen detected. Item 4_SP: A 31.2 allele was also called @ SE33; however, this allele is consistent with N+4 stutter and STRmix gave 0% weight to this allele as a genotype. NR = No results
XZRNPP	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.
YB8U46	STRmix analysis was conducted on this test.
YE6BED	NT = Not Tested. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
YFL87C	Item 001-04-A F1 e fraction had an elevated 15 allele stutter peak at D19S433 that I included in the CTS paperwork. All the alleles for this locus include: 12, 14, 15 (elevated stutter), and 16.
YGGHV8	ND = No Alleles Detected
YGWCHF	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. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
YHRVJG	Modified Rapid DNA analysis conducted on Item 1 and Item 2 (RapidHit). Items 3 and 4 not processed, no DNA interpretation conducted.
YHTMF4	STRmix analysis was conducted on this test.
Z8PWAM	NR is short for "No Results."
Z9VCKY	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.

TABLE 6

WebCode	Additional Comments
ZJHFQD	NT = NOT TESTED
ZQ2JXF	This proficiency test has been completed within the scope of my training, serological testing only. DNA analysis was not performed.
ZXFMJ9	Body fluid screening was marked "Not Tested" because this analyst does not conduct body fluid screening.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 24-5706: Forensic Biology

DATA MUST BE SUBMITTED BY Dec. 16, 2024, 11:59 p.m. EST TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: J3THT2

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

Scenario:

Police are investigating a sexual assault involving a male victim and female suspect. The victim reported to police that the suspect forced him to have sex in the backseat of her car; the victim confirmed he did ejaculate. The victim also described punching the suspect in an attempt to escape. The suspect has been apprehended. Police are submitting a stain from the shirt the victim was wearing during the assault (Item 3) and a stain from the backseat of the suspect's car (Item 4). Also provided are known standards from the male victim (Item 1) and female suspect (Item 2).

Items Submitted (Sample Pack B6):

Item 1: Known blood from the male victim

Item 2: Known blood from the female suspect

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

Item 4: Questioned stain from the backseat of the suspect's car (blue)

Part I: SCREENING TESTS

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

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

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

Item 3:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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 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						

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 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.).

 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
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						

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.).

- Identifier®
- PowerPlex®

 GlobalFiler™

Investigator® 24plex

Other

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.).

- Identifiler®
- PowerPlex®

The GlobalFiler logo consists of a blue square icon followed by the text "GlobalFiler™".

Investigator® 24plex

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 III: DNA INTERPRETATION

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

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

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

Part IV: ADDITIONAL COMMENTS

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

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

ANAB Certificate No.

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)