



Forensic Biology Test No. 22-5701 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 621 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 white fabric (Items 1 & 2), and two questioned stains on clean, colored fabric (Item 3 & 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains on Items 1, 2, 3, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Items 1 (50 μ l) and 3 (50 μ l) were created using blood collected from the same female donor. Item 2 (50 μ l) was created using blood collected from a male donor. Item 4 (50 μ l) was created using blood collected from a male donor, but different from the donor used for Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 4, 2022 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results

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	14,3,17,3	19,19	14,14	13,17	11,12	11,12
	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NM	NM	NM	NM	
2	14,14	19,23	11,13	15,16	11,13	13,17
	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17	2	
3	14,3,17,3	19,19	14,14	13,17	11,12	*
	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NM	NM	NM	NM	
4	16,17,3	17,18	10,11	16,17	12,13	12,18
	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20	2	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	14	17	17	19	21	13	11
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	13	18	20	21	24	10	12

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

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	73-340	16024-16365
2	73-340	16024-16365
3	49-368	16024-16387
4	49-368	16024-16387

Deviations HVR-II, HVR-I

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

	73.0	146.0	152.0	263.0	315.1	16223.0	16256.0
ITEM 1	G	C	C	G	C	T	T

	73.0	150.0	195.0	263.0	315.1	16093.0	16223.0	16265.0
ITEM 2	G	T	C	G	C	C	T	T

	73.0	146.0	152.0	263.0	315.1	16223.0	16256.0
ITEM 3	G	C	C	G	C	T	T

	73.0	152.0	263.0	271.0	309.1	309.2	309.3	315.1	16092.0	16182.0	16183.0	16189.0	16217.0	16249.0	16312.0	16344.0
ITEM 4	G	C	G	T	C	C	C	C	C	C	C	C	C	C	G	T

Summary Comments

The 22-5701 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 3 were created using blood collected from the same female donor. Item 2 was created using blood collected from a male donor. Item 4 was created using blood collected from a male donor, but different from the donor used for Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 621 participants.

Screening Test Results:

Screening results for body fluids (blood, semen, saliva) were returned by a total of 583 participants. However, not all of these participants returned screening results for all fluids for both questioned items, which explains the large differences in the tallies discussed below.

For Item 3, all participants reported "Positive" for the presence of blood. For the presence of semen, all participants reported "Negative." For the presence of saliva, all participants reported "Negative." Additionally, all responding participants reported "Positive" for Human Origin screening. For Y-screening one participant reported "Positive" and 68 participants reported "Negative."

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

DNA Analysis Results:

Of the 621 participants that returned results, 598 reported DNA results. One participant stated that the samples were analyzed for database purposes only and six selected the "No Interpretations" options individually for all interpretation questions.

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

For the Item 4 stain, the interpretation breakdown is as follows: all participants that reported interpretations excluded the victim (Item 1) and the suspect (Item 2) as possible contributors.

A total of 102 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter peaks may be included in the DNA results. Of these participants, seven reported additional alleles compared to the consensus/predistribution results for one or more of the questioned items. Based on the interpretations described above, these inconsistencies did not appear to affect the participant's conclusions.

For Item 2, a total of eight participants reported "41,42" at locus *DYS518* where the consensus was "41." These eight participants all reported the use of YFiler™ Plus. Several reported in their additional comments that the "42" allele was probable stutter, but was significantly above threshold. Additionally, 14 participants noted the presence of an artifact in Item 2 at locus *DYS456*, some going further to say that this is a documented artifact in the literature. Based on the interpretations described above, these inconsistencies did not appear to affect the participant's conclusions.

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
266P4K	Pos KM, TMB	Pos KM, TMB
2743Z7	Pos KM, HemaTrace	Pos KM, HemaTrace
28WTQZ	Pos RSID	Pos RSID
2BFK79	Pos TMB, HemDirect	Pos TMB, HemDirect
2BWDVQ	Pos LMG	Pos LMG
2CYRXQ	Pos KM	Pos
2ETHDV	Pos KM	Pos KM
2GMAMG	Pos BLUESTAR (Luminol)	Pos BLUESTAR (Luminol)
2HVP8M	Pos KM	Pos KM
2JMKEB	Pos TMB, HemDirect	Pos TMB, HemDirect
2JUHW2	Pos PTMB	Pos PTMB
2KJZM2	Pos KM, RSID-Blood	Pos KM, RSID-Blood
2KZHZZ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
2LV3Q7	Pos KM, HemaTrace	Pos KM, HemaTrace
2LWVMT	Pos KM	Pos KM
2M8ECB	Pos	Pos
2NLTPC	Pos KM, Seratec HemDirect	Pos KM
2PW24J	Pos O-tol, HemaTrace	Pos O-tol
2QALZZ	Pos KM	Pos KM
2TU292	Pos KM, RSID	Pos KM, RSID
2TXLZB	Pos TMB, HemDirect	Pos TMB, HemDirect
2Y4D8N	Pos KM	Pos KM
2ZDK9V	Pos KM	Pos KM
2ZVGU3	Pos KM-Hemophan (paper test for Blood erythrocytes, haemoglobin) by Erba Lachema - non-specific test for Blood), FOB-cassette test for determination of faecal occult Blood by NADAL - specific test for Human Blood	Pos KM-Hemophan (paper test for Blood erythrocytes, haemoglobin) by Erba Lachema - non-specific test for Blood), FOB-cassette test for determination of faecal occult Blood by NADAL - specific test for Human Blood
32TFU9	Pos KM	Pos KM
33ZZD2	Pos KM	Pos KM
38XE3C	Pos KM	Pos KM
39JQG4	Pos LMG	Pos LMG
3A4PDU	Pos LMG	Pos LMG
3AKQ9A	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
3D4URZ	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3DWTXL	Pos KM	Pos KM
3LBWQ7	Pos KM, HemaTrace	Pos KM, HemaTrace
3LUMUY	Pos LMG	Pos LMG
3M233Q	Pos KM	Pos KM
3MATKB	Pos TMB	Pos TMB
3MP9K6	Pos KM, HemaTrace	Pos KM, HemaTrace
3NWFUP	Pos KM	Pos KM
3RV2EZ	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
3RZQVE	Pos KM	Pos KM
3U79TA	Pos Bluestar Obti test	Pos Bluestar Obti test
43CDGK	Pos KM, HemaTrace, Infrared	Pos KM, HemaTrace, Infrared
44BZE3	Pos KM, HemaTrace	Pos KM, HemaTrace
44NKT7	Pos KM	Pos KM
44UYDL	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
47VZZC	Pos KM	Pos KM
4DEAJ8	Pos Visual Examination, KM, HemaTrace	Pos Visual examination, KM, HemaTrace
4DRWNE	Pos KM	Pos KM
4E7D7M	Pos LMG	Pos LMG
4HAKG8	Pos PTMB	Pos PTMB
4JYE82	Pos KM	Pos KM
4LNPZE	Pos LMG, HemaTrace	Pos LMG, HemaTrace
4PB38X	Pos LMG	Pos LMG
4RFTA7	Pos KM, HemaTrace	Pos KM, HemaTrace
4RRDH2	Pos LMG, Ouchterlony (anti-HgHb)	Pos LMG, Ouchterlony (anti-HgHb)
4T8XLQ	Pos KM	Pos KM
4VEDVH	Pos Hemastix	Pos Hemastix
4VJECB	Pos LMG	Pos LMG
4VU374	Pos TMB, HemDirect	Pos TMB, HemDirect
4VYRLF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
4WMGPT	Pos LMG, HT	Pos LMG, HT
4WNTCJ	Pos Infrared Camera, Phenolphthalein, and HemaTrace	Pos Infrared Camera, Phenolphthalein, and HemaTrace
4YDPQG	Pos Hemastix	Pos Hemastix
4YUQUJ	Pos LMG	Pos LMG
63V63U	Pos KM	Pos KM
67CHP4	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
6AQJV3	Pos TMB, HemDirect	Pos TMB, HemDirect
6AQN2Y	Pos KM, HemaTrace	Pos KM, HemaTrace
6CG97N	Pos KM, HemaTrace	Pos KM, HemaTrace
6CYR32	Pos Hema-Trace	Pos Hema-Trace
6EM6M6	Pos TMB, HemDirect	Pos TMB, HemDirect
6JVQB3	Pos TMB, HemDirect	Pos TMB, HemDirect
6JXNUQ	Pos KM	Pos KM
6KC9PM	Pos KM	Pos KM
6MWWYDR	Pos KM	Pos KM
6P8JL2	Pos LMG and HemaTrace	Pos LMG and HemaTrace
6PQW8X	Pos KM, HT	Pos O-tol, RSID
6QUN6D	Pos ALS, KM	Pos ALS, KM
6RA3JE	Pos PTMB	Pos PTMB
6UP4YM	Pos KM	Pos KM
6VAVB7	Pos KM	Pos KM
6VUY2D	Pos KM	Pos KM
6W6PEN	Pos LMG	Pos LMG
72DWCZ	Pos LMG	Pos LMG
72U798	Pos KM	Pos KM
76UZY3	Pos KM, HemaTrace	Pos KM, HemaTrace
77Q9FY	Pos KM, HemaTrace	Pos KM, HemaTrace
7BGWHX	Pos HemaTrace	Pos HemaTrace
7CCRD3	Pos TMB, HemDirect	Pos TMB, HemDirect
7DNJ7J	Pos KM, HemaTrace	Pos KM, HemaTrace
7DQM83	Pos KM	Pos KM
7JDKGB	Pos PTMB	Pos PTMB
7JVVGX	Pos LMG, HemaTrace	Pos LMG, HemaTrace
7PH7PE	Pos PTMB	Pos PTMB
7QTB2G	Pos KM	Pos KM
7R3R62	Pos TMB, HemDirect	Pos TMB, HemDirect
7RDQQK	Pos KM	Pos KM
7TFPPR	Pos O-tol	Pos O-tol
7TYVMW	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
7VMZNF	Pos PTMB	Pos PTMB
7XVFL	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
7YCF64	Pos LMG	Pos LMG
7Z6DDA	Pos Phenolphthalein	Pos Phenolphthalein
7ZEGUE	Pos LMG	Pos LMG
7ZM9WW	Pos KM, HemaTrace	Pos KM, HemaTrace
86AZKY	Pos LMG, HemaTrace	Pos LMG, HemaTrace
86GG6X	Pos KM	Pos KM
88FULV	Pos KM, RSID-Blood	Pos O-tol, HemaTrace, KM
8DKVK4	Pos KM	Pos KM
8EEDUR	Pos KM, HemaTrace	Pos KM, HemaTrace
8FFAC3	Pos LMG	Pos LMG
8G89Q2	Pos KM	Pos KM
8HKWYF	Pos KM	Pos KM, HemaTrace
8HUMN6	Pos Hem-Check	Pos Hem-Check
8HXZF8	Pos O-tol	Pos O-tol
8HZB7P	Pos LMG	Pos LMG
8KK9C8	Pos KM	Pos KM
8M8BET	Pos PTMB	Pos PTMB
8MVVK8	Pos LMG	Pos LMG
8NME6E	Pos O-tol, HemDirect	Pos O-tol, HemDirect
8PYE29	Pos KM	Pos KM
8Y3YBA	Pos KM	Pos KM
8ZWCN9	Pos KM	Pos KM
924HW9	Pos PTMB	Pos PTMB
92ZWZR	Pos LMG, HemaTrace	Pos LMG, HemaTrace
93VHRX	Pos KM, HemaTrace	Pos KM, HemaTrace
96Z9WR	Pos LMG, HemaTrace	Pos LMG, HemaTrace
99NFP2	Pos KM, HemaTrace	Pos KM, HemaTrace
9EDPLZ	Pos PTMB	Pos PTMB
9EZCJ4	Pos KM;	Pos KM;
9F99M2	Pos PTMB	Pos PTMB
9FNCF9	Pos KM	Pos KM
9HALFE	Pos RSID Blood, KM, LMG	Pos RSID Blood, KM, LMG
9JN4JJ	Pos LMG	Pos LMG
9KEE67	Pos KM	Pos KM
9LBMKG	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9ML2WC	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
9MP6P9	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
9VFWPL	Pos KM	Pos KM
9VLVC6	Pos KM	Pos KM
9WGDE7	Pos LMG	Pos LMG
9XKWU8	Pos KM	Pos KM
9ZUEZB	Pos KM	Pos KM
A2X222	Pos TMB, HemDirect	Pos TMB, HemDirect
A7X722	Pos PTMB	Pos PTMB
A93CE8	Pos TMB, HemaTrace	Pos TMB, HemaTrace
AB7Y2J	Pos KM	Pos KM
ABNRH3	Pos KM	Pos KM
ACHRZR	Pos KM	Pos KM
ACZMJE	Pos KM	Pos KM
AGXBY2	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
AKFFZ6	Pos KM, HT	Pos KM, HT
ALBTQ4	Pos KM	Pos KM
ALH4TU	Pos Hemophan, FOB	Pos Hemophan, FOB
APUWBU	Pos KM, HemaTrace	Pos KM, HemaTrace
APVULP	Pos KM	Pos KM
AQ77B2	Pos PTMB	Pos PTMB
AQKFWR	Pos O-tol	Pos O-tol
AQL69C	Pos LMG	Pos LMG
AUX6AA	Pos O-tol	Pos O-tol
AUX8YE	Pos KM	Pos KM
AX7ACX	Pos KM, HemaTrace	Pos KM, HemaTrace
AXWJUE	Pos KM	Pos KM
B3VMET	Pos PTMB	Pos PTMB
B4ACXQ	Pos KM	Pos KM
B6GY7N	Pos KM	Pos KM
BFCM37	Pos KM	Pos KM
BHL3J7	Pos KM	Pos KM
BJYP2K	Pos KM	Pos KM
BK9CLY	Pos TMB, HemDirect	Pos TMB, HemDirect
BKBEV	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BKTDJF	Pos PTMB	Pos PTMB
BL6CGA	Pos PTMB	Pos PTMB
BNBQBV	Pos KM, HemaTrace	Pos KM, HemaTrace
BRNKWU	Pos KM, HemaTrace	Pos KM, HemaTrace
BRX6Y6	Pos KM	Pos KM
BT629V	Pos PTMB	Pos PTMB
BUVCZM	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BWM9Q3	Pos KM	Pos KM
BXLQ8R	Pos KM, HemaTrace	Pos KM, HemaTrace
BYC3EC	Pos KM, LMG, RSID Blood	Pos KM, LMG, RSID Blood
BZ4APZ	Pos Phenolphthalein	Pos Phenolphthalein
C33DUM	Pos O-tol	Pos O-tol
C6EYTP	Pos PTMB	Pos PTMB
C74GJN	Pos KM, RSID-Blood	Pos KM, RSID-Blood
C782CX	Pos TMB, HemDirect	Pos TMB, HemDirect
C7BZR7	Pos KM	Pos KM
CBHBYE	Pos PTMB	Pos PTMB
CBQJYF	Pos KM	Pos KM
CC8GYK	Pos KM	Pos KM
CEPUVF	Pos KM	Pos KM
CG7RW7	Pos KM	Pos KM
CLZQ8U	Pos TMB	Pos TMB
CMC9LT	Pos KM	Pos KM
CPKGXY	Pos TMB, HemDirect	Pos TMB, HemDirect
CQAFZG	Pos KM	Pos KM
CZHJXM	Pos LMG, HemaTrace	Pos LMG, HemaTrace
D2WTRD	Pos KM	Pos KM
D77R9K	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
DD3QJ8	Pos KM	Pos KM
DD6MYW	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
DDH46H	Pos KM	Pos KM
DDP2T2	Pos LMG	Pos LMG
DG896G	Pos KM	Pos KM
DM8A8B	Pos KM	Pos KM
DPYQJP	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DQPYF8	Pos LMG	Pos LMG
DQTMVQ	Pos KM	Pos KM
DRK36V	Pos PTMB	Pos PTMB
DTX9CB	Pos KM	Pos KM
DUQGMV	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DVKDZV	Pos PTMB	Pos PTMB
DVKM2L	Pos KM	Pos KM
DZDGM9	Pos KM, TMB	Pos KM, TMB
E24DZL	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
E28H9Q	Pos PTMB	Pos PTMB
E2LNCY	Pos KM	Pos KM
E73V6T	Pos KM, HemaTrace	Pos KM, HemaTrace
EF46QW	Pos KM, HemaTrace	Pos KM, HemaTrace
EG42J2	Pos KM, HemaTrace	Pos KM, HemaTrace
EGELRW	Pos TMB, HemDirect	Pos TMB, HemDirect
EGL8MX	Pos KM	Pos KM
EHYU6C	Pos KM	Pos KM
EJ69HJ	Pos PTMB, HemDirect	Pos PTMB, HemDirect
EK66BM	Pos KM, HemaTrace	Pos KM, HemaTrace
ELVGJ8	Pos KM, LMG, RSID	Pos KM, LMG, RSID
EMLKCE	Pos KM	Pos KM
EPBX4X	Pos KM	Pos KM
ERHDCP	Pos KM	Pos KM
ERVFWX	Pos KM	Pos KM
ET3R9E	Pos TMB (Combur), KM	Pos TMB (Combur), KM
ETDRUN	Pos LMG	Pos LMG
ETTBK	Pos LMG, HemaTrace	Pos LMG, HemaTrace
EU9DLT	Pos HemaTrace, KM	Pos HemaTrace, KM
EUY9QW	Pos KM	Pos KM
EWGPCV	Pos LMG	Pos LMG
EXBDVQ	Pos KM	Pos KM
EY2P8H	Pos LMG	Pos LMG
EYLYPY	Pos KM	Pos KM
F4PG7X	Pos KM, HemaTrace	Pos KM, HemaTrace
F6LXDT	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
F884UY	Pos KM, RSID	Pos KM, RSID
F9J4QT	Pos TMB, HemDirect	Pos TMB, HemDirect
FA3C49	Pos KM	Pos KM
FAZL6D	Pos LMG	Pos LMG
FB8HE3	Pos KM	Pos KM
FDRU6D	Pos KM	Pos KM
FFZ632	Pos PTMB	Pos PTMB
FGCUBK	Pos KM	Pos KM
FGVPNF	Pos KM	Pos KM
FHX23X	Pos KM	Pos KM
FM33YL	Pos KM, HemaTrace	Pos KM, HemaTrace
FMZ63P	Pos LMG	Pos LMG
FQJGJK	Pos LMG	Pos LMG
FRCT3L	Pos KM, RSID	Pos KM, RSID
FT9R8T	Pos KM	Pos KM
FT9UYH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FUHYC7	Pos KM	Pos KM
FX4CKP	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FYGJUR	Pos PTMB	Pos PTMB
G4M7R7	Pos KM	Pos KM
G7WZYR	Pos KM / HemaTrace	Pos KM / HemaTrace
G8QQ3L	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
G8YT7Q	Pos LMG, HemaTrace	Pos LMG, HemaTrace
G9XGK2	Pos Hemastix	Pos Hemastix
G9YNVN	Pos TMB, RSID	Pos TMB, RSID
GAU6B7	Pos Hemochromogen	Pos Hemochromogen
GCUHTP	Pos TMB	Pos TMB
GL737E	Pos KM	Pos KM
GTKKAT	Pos TMB	Pos TMB
GTLTMT	Pos KM	Pos KM
GTPVCR	Pos Aba Card HemaTrace	Pos Aba Card HemaTrace
GVUDKV	Pos KM	Pos KM
GW7GHX	Pos Visual, KM, HemaTrace	Pos Visual, KM, HemaTrace
GY926R	Pos TMB, HemDirect	Pos TMB, HemDirect
H3BMM4	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
H6FCPC	Pos KM	Pos KM
H78FCR	Pos KM	Pos KM
H7PWJ2	Pos KM	Pos KM
H8XBQ8	Pos KM, HemaTrace	Pos KM, HemaTrace
H9C7GL	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
H9XMRM	Pos KM, HemaTrace	Pos KM, HemaTrace
HCR8BR	Pos TMB, HemDirect	Pos TMB, HemDirect
HCT9QC	Pos KM	Pos KM
HCVNUJ	Pos PTMB	Pos PTMB
HD4M6T	Pos TMB, HemDirect	Pos TMB, HemDirect
HE6Y4M	Pos KM	Pos KM
HEF8J2	Pos LMG, HemaTrace	Pos LMG, HemaTrace
HGM83M	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
HH24GM	Pos TMB	Pos TMB
HKRY87	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
HL269N	Pos KM, HemaTrace	Pos KM, HemaTrace
HMD6MQ	Pos PTMB	Pos PTMB
HP4UXC	Pos KM	Pos KM
HPXTPV	Pos KM	Pos KM
HUGJT8	Pos KM	Pos KM
HV7PHQ	Pos TMB, HemDirect	Pos TMB, HemDirect
HY3BAT	Pos TMB, HemDirect	Pos TMB, HemDirect
J2BHE8	Pos KM	Pos KM
J3Z32Q	Pos PTMB	Pos PTMB
J4U6XY	Pos KM	Pos KM
J9RCBP	Pos PTMB	Pos PTMB
JEU88H	Pos KM	Pos KM
JEXRYR	Pos TMB	Pos TMB
JJT6XF	Pos KM	Pos KM
JKJ27N	Pos ABACard HemaTrace	Pos ABACard HemaTrace
JLFPYD	Pos KM	Pos KM
JLL627	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
JPVTF3	Pos KM, TMB	Pos KM, TMB
JRLM2Q	Pos KM	Pos KM
JTUTK7	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
JTVLQ	Pos PTMB	Pos PTMB
JU92PZ	Pos O-tol, HemaTrace	Pos O-tol
JZWJA3	Pos KM, LMG, RSID-Blood	Pos KM, LMG, RSID-Blood
K2BEHG	Pos KM, HemaTrace	Pos KM, HemaTrace
K2JEWG	Pos TMB	Pos TMB
K2N6CT	Pos KM	Pos KM
K6BPDG	Pos KM, HemaTrace	Pos KM, HemaTrace
K7G4QN	Pos KM	Pos KM
K9944R	Pos KM	Pos KM
KC4UBX	Pos KM	Pos KM
KC7L8K	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
KHEXAD	Pos PTMB, HemDirect	Pos PTMB, HemDirect
KJPZUQ	Pos KM, HemaTrace	Pos KM, HemaTrace
KLX7FR	Pos KM	Pos KM
KNPZK9	Pos Combur (TMB) , KM	Pos Combur (TMB), KM
KQMR47	Pos LMG	Pos LMG
KRD3QR	Pos KM	Pos KM
KRXJ7U	Pos KM	Pos KM
KTDBBR	Pos KM	Pos KM
KYKDCT	Pos TMB	Pos TMB
L7PAAP	Pos KM test	Pos KM test
L88TGM	Pos KM, HemaTrace	Pos KM, HemaTrace
L9KCGK	Pos KM	Pos KM
L9WMXJ	Pos TMB	Pos TMB
LBARVL	Pos KM	Pos KM
LDW3X9	Pos KM	Pos KM
LEBMQH	Pos KM, HemaTrace	Pos KM, HemaTrace
LEUGJ6	Pos KM, ABACard-HemaTrace	Pos KM, ABACard-HemaTrace
LEUJ3H	Pos O-tol, RSID Blood	Pos KM, HemaTrace
LG4GK7	Pos KM	Pos KM
LK2W2G	Pos KM	Pos KM
LKD8JZ	Pos KM, TMB	Pos KM, TMB
LLR636	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LNXM68	Pos KM, HemaTrace	Pos KM, HemaTrace
LQ3BLH	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LQJYUJ	Pos PTMB	Pos PTMB
LRDBMH	Pos KM	Pos KM
LT7HUV	Pos KM, ABACard	Pos KM, ABACard
LTRAMG	Pos PTMB	Pos PTMB
LX3RV3	Pos PTMB	Pos PTMB
LXLGJN	Pos KM, HemaTrace	Pos KM, HemaTrace
M2GPZ4	Pos KM	Pos KM
M2VTEB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
M3LYTF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
M43G6E	Pos LMG	Pos LMG
M4622V	Pos PTMB	Pos PTMB
MCDCWL	Pos TMB	Pos TMB
MDA9GV	Pos P/TMB	Pos P/TMB
MFG46M	Pos TMB, HemDirect	Pos TMB, HemDirect
MJYNA9	Pos KM	Pos KM
MKQ4MK	Pos TMB	Pos TMB
MM4A7L	Pos KM, HemaTrace	Pos KM, HemaTrace
MN64DJ	Pos LMG	Pos LMG
MQZU8J	Pos O-tol	Pos O-tol
MTNJF4	Pos KM	Pos KM
MW9HLK	Pos HemaTrace, KM	Pos HemaTrace, KM
MXGE9B	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
N34T3A	Pos KM	Pos KM
N34VRE	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
N3RXTP	Pos LMG	Pos LMG
N437YX	Pos KM/TMB	Pos KM/TMB
N4F32G	Pos LMG, HemaTrace	Pos LMG, HemaTrace
N68LXU	Pos Hemastix	Pos Hemastix
N8H9W8	Pos KM, HemaTrace	Pos KM, HemaTrace
N8HE3U	Pos Phenolphthalein	Pos Phenolphthalein
N8NME3	Pos TMB	Pos TMB
NA9483	Pos KM	Pos KM
NBNMN8	Pos KM	Pos KM
NFB9YL	Pos TMB, HemDirect	Pos TMB, HemDirect
NFDBWX	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
NHYMNV	Pos KM	Pos KM
NNN3C3	Pos KM	Pos KM
NPKUQF	Pos KM, O-tol, RSID	Pos KM, O-tol, RSID, HemaTrace
NPZD9R	Pos KM	Pos KM
NQQ3BE	Pos TMB	Pos TMB
NQYJPL	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
NRKQTA	Pos LMG, HemaTrace	Pos LMG, HemaTrace
NUEFEQ	Pos O-tol	Pos O-tol
NXZVPP	Pos Visual, LMG	Pos Visual, LMG
NZ26WF	Pos TMB	Pos TMB
NZFRAN	Pos TMB, HemDirect	Pos TMB, HemDirect
NZJWKB	Pos LMG	Pos LMG
P36E7N	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
P3NX9F	Pos Phenolphthalein	Pos Phenolphthalein
P8U4HL	Pos KM	Pos KM
P99RBE	Pos KM, HemaTrace	Pos KM, HemaTrace
P9ANLA	Pos KM, Takayama	Pos KM, Takayama
PA3A22	Pos KM	Pos KM
PCVEZL	Pos KM	Pos KM
PGJHRJ	Pos TMB, HemDirect	Pos TMB, HemDirect
PJ8HZT	Pos PTMB	Pos PTMB
PJB6DZ	Pos PTMB	Pos PTMB
PJQBTP	Pos KM	Pos KM
PK38ZF	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
PKN9ZJ	Pos PTMB	Pos PTMB
PMLW9E	Pos TMB, HemDirect	Pos TMB, HemDirect
PQQT7G	Pos KM, HemaTrace	Pos KM, HemaTrace
PUCZMC	Pos PTMB	Pos PTMB
PV2HDB	Pos KM and RSID-Blood	Pos KM and RSID-Blood
PV43AR	Pos KM	Pos KM
PWE8JA	Pos KM	Pos KM
PX6DWE	Pos KM, HemaTrace	Pos KM, HemaTrace
PZGDAT	Pos KM	Pos KM
PZGEDZ	Pos KM	Pos KM
Q2RE9Y	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Q32T8R	Pos KM	Pos KM
Q3F6Y6	Pos KM, HemaTrace	Pos KM, HemaTrace
Q67PTB	Pos KM, RSID-Blood	Pos KM, RSID-Blood
Q7M94E	Pos KM	Pos KM
Q7ZNVG	Pos PTMB	Pos PTMB
QAWPZW	Pos LMG	Pos LMG
QBDWAK	Pos KM, HemaTrace	Pos KM, HemaTrace
QFCYNL	Pos LMG	Pos LMG
QFQMJL	Pos Visual, KM, HT	Pos Visual, KM, HT
QGEBT2	Pos KM	Pos KM
QGFH6N	Pos O-tol	Pos O-tol
QGGDNU	Pos O-tol, PMB(P+), HemDirect	Pos O-tol, PMB(P+), HemDirect
QGW4MJ	Pos KM	Pos KM
QK7ZLU	Pos Phenolphthalein	Pos Phenolphthalein
QLR9QH	Pos TMB, HemDirect	Pos TMB, HemDirect
QLX49A	Pos LMG	Pos LMG
QR3TWA	Pos KM	Pos KM
QXLPFJ	Pos TMB, Hemdirect	Pos TMB, Hemdirect
QY2HBT	Pos KM	Pos KM
QZTKX8	Pos LMG	Pos LMG
QZV7UN	Pos ALS, KM, ABA Card HemaTrace	Pos ALS, KM, ABA Card HemaTrace
R6LG8E	Pos PTMB	Pos PTMB
R7XTRG	Pos KM	Pos KM
RBM9GN	Pos KM	Pos KM
REAV4A	Pos HemDirect, red-brown stain	Pos HemDirect, dark red stain
RGTGQK	Pos KM	Pos KM
RGXQQX	Pos KM	Pos KM
RHPUDD	Pos Tetrabasebariumperoxide	Pos Tetrabasebariumperoxide
RLMVB7	Pos KM	Pos KM
RLTH2F	Pos TMB, HemDirect	Pos TMB, HemDirect
RRT2XJ	Pos TMB, HemDirect	Pos TMB, HemDirect
RRUH92	Pos PHT	Pos PHT
RVWAL9	Pos KM	Pos KM
T22WVH	Pos TMB, HemDirect	Pos TMB, HemDirect
T2YPN2	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
T3RPFK	Pos KM	Pos KM
T4M9GL	Pos KM	Pos KM
T6ZVY2	Pos KM	Pos KM
T7BF7P	Pos Hemastix	Pos Hemastix
T7UJHW	Pos PTMB	Pos PTMB
T9YLDM	Pos O-tol	Pos O-tol
TAURNR	Pos PTMB	Pos PTMB
TB6MGB	Pos KM	Pos KM
TBMZ2W	Pos HemaTrace	Pos HemaTrace
TDADJK	Pos TMB, HemaTrace	Pos TMB, HemaTrace
TDEGCB	Pos KM, HemaTrace	Pos KM, HemaTrace
TE6PAT	Pos LMG	Pos LMG
TEHEEQ	Pos O-tol	Pos O-tol
TKFRMA	Pos O-tol	Pos O-tol
TNTGZR	Pos O-tol	Pos O-tol
TQKKJQ	Pos Phenolphthalein	Pos Phenolphthalein
TTMHZK	Pos KM, HEXAGON OBTI	Pos KM, HEXAGON OBTI
TZ2Z3E	Pos LMG, HemaTrace	Pos LMG, HemaTrace
U2QJMC	Pos TMB	Pos TMB
U2U9RA	Pos TMB	Pos TMB
U4YW6D	Pos TMB, HemDirect	Pos TMB, HemDirect
U6TKNA	Pos TMB	Pos TMB
U6YBXJ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
U74FD8	Pos PTMB	Pos PTMB
U7BVZ2	Pos KM	Pos KM
U7PLLQ	Pos PTMB	Pos PTMB
UCBV2A	Pos TMB, HemDirect	Pos TMB, HemDirect
UEXMWD	Pos ABACard HemaTrace	Pos ABACard HemaTrace
UFZN8R	Pos PTMB	Pos PTMB
UK44JF	Pos TMB, HemDirect	Pos TMB, HemDirect
UNPVRC	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UPGCZ6	Pos KM	Pos KM
UR86NG	Pos TMB, HemDirect	Pos TMB, HemDirect
UUVKDQ	Pos KM	Pos KM
UWADJW	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UY76AG	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
UZZKAE	Pos TMB, HEMDIRECT	Pos TMB, HEMDIRECT
V2T6VH	Pos KM, HemaTrace	Pos KM, HemaTrace
V4GT6X	Pos KM, HemaTrace	Pos KM, HemaTrace
V72YQ9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
V7ZU4Q	Pos KM, HemaTrace	Pos KM, HemaTrace
V99394	Pos LMG	Pos LMG
VBWQ3C	Pos TMB	Pos TMB
VC4QRW	Pos KM	Pos KM
VCUH9C	Pos PTMB	Pos PTMB
VDZAX	Pos HemaTrace	Pos HemaTrace
VEJUUV	Pos KM	Pos KM
VHTBTR	Pos LMG	Pos LMG
VJC42G	Pos Phenolphthalein	Pos Phenolphthalein
VJCV6P	Pos O-tol	Pos O-tol
VMYF7D	Pos KM	Pos KM
VTL9CL	Pos KM	Pos KM
VUT6LB	Pos ABACard HemaTrace	Pos ABACard HemaTrace
VUUKTM	Pos KM	Pos KM
VVMXDN	Pos KM	Pos KM
VXNZ3P	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
VXTYC7	Pos O-tol, ppth, Hemdirect	Pos O-tol, ppth, Hemdirect
W24MZ8	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
W93KX7	Pos TMB	Pos TMB
WCTX3N	Pos KM	Pos KM
WGZ8QQ	Pos KM, HemaTrace	Pos KM, HemaTrace
WHFUM6	Pos KM	Pos KM
WJ4DGB	Pos HemaTrace	Pos HemaTrace
WJMTF8	Pos KM	Pos KM
WMQ6EY	Pos PTMB; HemDirect	Pos PTMB; HemDirect
WQ7FR4	Pos KM	Pos KM
WTP4UA	Pos TMB, HemDirect	Pos TMB, HemDirect
WU8HDX	Pos KM	Pos KM
WUPPGU	Pos KM, HemaTrace	Pos KM, HemaTrace
WUQCA2	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
WUR4JV	Pos Phenol / KM	Pos Phenol / KM
WXBN77	Pos PTMB	Pos PTMB
WXMZPN	Pos Kastle Meyer	Pos Kastle Meyer
WZCE26	Pos KM, HemaTrace	Pos KM, HemaTrace
X3DXM4	Pos KM, HemaTrace	Pos KM, HemaTrace
X4TVF3	Pos KM	Pos KM
X66BBB	Pos ABACard HemaTrace	Pos ABACard HemaTrace
X6ZZ9C	Pos TMB, Hemdirect	Pos TMB, Hemdirect
XAGH9M	Pos KM	Pos KM
XB9KV3	Pos LMG	Pos LMG
XE93KH	Pos KM	Pos KM
XEQXGC	Pos KM, HemaTrace	Pos KM, HemaTrace
XHCWU	Pos KM	Pos KM
XMJ9PL	Pos Phenolphthalein	Pos Phenolphthalein
XTA83B	Pos TMB, HemDirect	Pos TMB, HemDirect
XU3X9P	Pos TMB, OBTI	Pos TMB, OBTI
XUEW2D	Pos TMB, HemDirect	Pos TMB, HemDirect
XUJANA	Pos TMB, HemDirect	Pos TMB, HemDirect
XVRWB8	Pos RSID	Pos RSID
XWCJZG	Pos ALS, KM, HemaTrace	Pos ALS, KM, HemaTrace
XZBEN6	Pos PTMB	Pos PTMB
Y2394R	Pos KM, HemaTrace	Pos KM, HemaTrace
Y4KY4P	Pos KM	Pos KM
Y6V7HW	Pos KM	Pos KM
Y6WEC2	Pos KM	Pos KM
Y97B9R	Pos KM	Pos KM
YCLRFB	Pos KM, HemaTrace	Pos KM, HemaTrace
YE39HM	Pos KM	Pos KM
YG72CL	Pos Hemastix	Pos Hemastix
YGPD78	Pos PTMB	Pos PTMB
YKWU2C	Pos KM, HemaTrace	Pos KM, HemaTrace
YL3ZXR	Pos KM	Pos KM
YMC8YY	Pos LMG, HemaTrace	Pos LMG, HemaTrace
YMGWEB	Pos KM	Pos KM
YMZTNP	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YNCB4N	Pos KM	Pos KM
YR9YKV	Pos KM	Pos KM
YVQGJR	Pos KM	Pos KM
YVRNR9	Pos TMB, HemDirect	Pos TMB, HemDirect
YWK63M	Pos PTMB	Pos PTMB
Z2BDQ9	Pos TMB	Pos TMB
Z3NDZ3	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
Z3P8TA	Pos LMG	Pos LMG
Z9FKJC	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
ZCZAEA	Pos LMG	Pos LMG
ZEKB9W	Pos LMG	Pos LMG
ZEYBWD	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
ZFHMRH	Pos PTMB	Pos PTMB
ZGN6NT	Pos HemaTrace, KM	Pos HemaTrace, KM
ZH2WGA	Pos KM, HemDirect card	Pos KM, HemDirect card
ZHHT8N	Pos KM	Pos KM
ZKNGKT	Pos KM, HemaTrace	Pos KM, HemaTrace
ZKX2PP	Pos KM, HemaTrace	Pos KM, HemaTrace
ZMUDZA	Pos TMB, HemDirect	Pos TMB, HemDirect
ZPHRPK	Pos KM	Pos KM
ZR9GXX	Pos O-tol	Pos O-tol
ZTJX26	Pos TMB	Pos TMB
ZUCCLU	Pos KM	Pos KM
ZV6Z4P	Pos Visual, PTMB	Pos Visual, PTMB
ZXJDYD	Pos LMG	Pos LMG
ZXVBVH	Pos KM	Pos KM

Table 1a: Serology Screening Response Summary - Blood		Participants: 582	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	582	582	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	0	0	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
266P4K	Neg AP	Neg AP
2743Z7	Neg AP	Neg AP
2GMAMG	Neg AP	Neg AP
2KJZM2	Neg AP	Neg AP
2KZHZZ	Neg ALS, AP	Neg ALS, AP
2LV3Q7	Neg AP	Neg AP
2NLTPC	Neg PSA	NT
2PW24J	Neg AP	NT
2QALZZ	Neg AP, Micro	Neg AP, Micro
2Y4D8N	Neg AP, ALS	Neg AP, ALS
32TFU9	Neg ALS, AP, Micro	Neg ALS, AP, Micro
33ZZD2	Neg Micro, AP, PSA	Neg Micro, AP, PSA
3A4PDU	Neg AP	Neg AP
3DWTXL	Neg AP	Neg AP
3LUMUY	Neg ALS, Micro, p30	Neg ALS, Micro, p30
3MATKB	Neg ALS, AP	Neg ALS, AP
3MP9K6	Neg AP, PSA	Neg AP, PSA
3RV2EZ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
3U79TA	Neg PSA-CHECK-1 test	Neg PSA-CHECK-1 test
43CDGK	Neg BCIP	Neg BCIP
44BZE3	Neg AP, PSA, Micro	Neg AP, PSA, Micro
44NKT7	Neg AP, ALS	Neg AP, ALS
44UYDL	Neg AP, PSA	Neg AP, PSA
47VZZC	Neg ALS, AP	Neg ALS, AP
4HAKG8	Neg AP	Neg AP
4LNPZE	Neg AP, ALS	Neg AP, ALS
4PB38X	Neg Brentamine	Neg Brentamine
4RRDH2	Neg AP, PSA, Micro	Neg AP, PSA, Micro
4VYRLF	Neg ALS, AP	Neg ALS, AP
4WMGPT	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
4WNTCJ	Neg 5-bromo-4-chloro-3-indolyl-phosphate (BCIP)	Neg 5-bromo-4-chloro-3-indolyl-phosphate (BCIP)
6CG97N	Neg p30	Neg p30

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6MWYDR	Neg AP, Micro	Neg AP, Micro
6P8JL2	Neg AP, Micro, and PSA	Neg AP, Micro, and PSA
6QUN6D	Neg ALS, AP	Neg ALS, AP
6VUY2D	Neg ALS, AP	Neg ALS, AP
77Q9FY	Neg AP, PSA, Micro	Neg AP, PSA, Micro
7DNJ7J	Neg PSA, Micro	Neg PSA, Micro
7DQM83	Neg AP, ALS	Neg AP, ALS
7QTB2G	Neg AP, Micro	NT
7TYVMW	Neg ALS, PSA, Micro	Neg ALS, PSA, Micro
7XVFL	Neg AP, PSA, Micro	Neg AP, PSA, Micro
7YCF64	Neg AP	Neg AP
7Z6DDA	Neg ALS, BCIP	Neg ALS, BCIP
7ZEGUE	Neg AP	Neg AP
86AZKY	Neg AP, Micro, PSA	Neg AP, Micro, PSA
8DKVK4	Neg BCIP	NT
8EEDUR	Neg AP, PSA	Neg AP, PSA
8HZB7P	Neg Brentamine	Neg Brentamine
8M8BET	Neg AP	Neg AP
8NME6E	Neg AP, PSA	Neg AP, PSA
8Y3YBA	Neg ALS, AP	Neg ALS, AP
92ZWZR	Neg ALS, Micro, p30	Neg ALS, Micro, p30
93VHRX	Neg ALS, AP	Neg ALS, AP
9EDPLZ	Neg AP	Neg AP
9EZCJ4	Neg AP; Micro; PSA	Neg AP; Micro; PSA
9F99M2	Neg AP, Micro, PSA	Neg AP, Micro, PSA
9HALFE	Neg AP, Micro, PSA	Neg AP, Micro, PSA
9JN4JJ	Neg ALS	Neg ALS
9ML2WC	Neg AP	Neg AP
9WGDE7	Neg AP	Neg AP
9ZUEZB	Neg ALS, Micro, PSA	Neg ALS, Micro, PSA
A7X722	Neg AP	Neg AP
A93CE8	Neg AP	Neg AP
ACZMJE	Neg AP, Micro	Neg AP, Micro
AQKFWR	Neg AP, Micro, PSA	Neg AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
AQL69C	Neg AP	Neg AP
AUX6AA	Neg AP	Neg AP
AUX8YE	Neg AP, Micro	Neg AP, Micro
AX7ACX	Neg AP, PSA, Micro	Neg AP, PSA, Micro
B4ACXQ	Neg ALS, AP, Micro	Neg ALS, AP, Micro
B6GY7N	Neg AP	Neg AP
BHL3J7	Neg ALS, AP	Neg ALS, AP
BJYP2K	Neg PSA	Neg PSA
BKBFEV	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BNBQBV	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BRNKWU	Neg AP	Neg AP
BT629V	Neg AP	NT
BUVCZM	Neg AP, Micro, PSA	Neg AP, Micro, PSA
BWM9Q3	Neg PSA	Neg PSA
BYC3EC	Neg ALS, AP, p30, Micro	Neg ALS, AP, p30, Micro
BZ4APZ	Neg BCIP	Neg BCIP
C7BZR7	Neg BCIP	Neg BCIP
CG7RW7	Neg AP	Neg AP
CLZQ8U	Neg AP	NT
CPKGXY	Neg ALS, AP	NT
CZHJXM	Neg AP, PSA, Micro	Neg AP, PSA, Micro
D77R9K	Neg ALS, AP, Microscopic, p30	NT
DD6MYW	Neg ALS, AP	Neg ALS, AP, PSA, Micro
DDP2T2	Neg AP, ALS	NT
DG896G	Neg AP	Neg AP
DQPYF8	Neg AP	Neg AP
DUQGMV	Neg AP, PSA, Micro	Neg AP, PSA, Micro
DVKM2L	Neg AP, Micro	Neg AP, Micro
DZDGM9	Neg AP	Neg AP
E24DZL	Neg ALS, Micro, p30	Neg ALS, Micro, p30
E28H9Q	Neg AP	Neg AP
E73V6T	Neg AP, PSA, Micro	Neg AP, PSA, Micro
EGL8MX	Neg AP, Micro, ABACard	Neg AP, Micro, ABACard
EHYU6C	Neg ALS, BCIP, Micro	Neg ALS, BCIP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ELVGJ8	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
EPBX4X	Neg ALS, AP, Micro	Neg ALS, AP, Micro
ET3R9E	Neg AP, PSA	Neg AP, PSA
ETDRUN	Neg ALS	NT
EU9DLT	Neg AP, p30	Neg AP, p30
EWGPCV	Neg AP and ALS	Neg AP and ALS
EY2P8H	Neg AP	Neg AP
EYLYPY	Neg ALS, AP, Micro	Neg ALS, AP, Micro
F4PG7X	Neg AP, Micro, PSA	Neg AP, Micro, PSA
F6LXDT	Neg AP, PSA, Micro	Neg AP, PSA, Micro
F884UY	Neg AP	Neg AP
FGCUBK	Neg AP, Micro	Neg AP, Micro
FQJGJK	Neg AP	Neg AP
FRCT3L	Neg AP	NT
FT9R8T	Neg ALS, AP	Neg ALS, AP
FT9UYH	Neg Micro, p30, ALS	Neg Micro, p30, ALS
FUHYC7	Neg AP, Micro	Neg AP, Micro
FX4CKP	Neg ALS, AP	Neg ALS, AP
FYGJUR	Neg AP	Neg AP
G8QQ3L	Neg Micro	Neg Micro
G8YT7Q	Neg AP, PSA, Micro	Neg AP, PSA, Micro
G9YNVN	Neg PSA	Neg PSA
GTLTMT	Neg ALS, AP	Neg ALS, AP
H78FCR	Neg ALS, AP	Neg ALS, AP
H8XBQ8	Neg PSA, Micro	Neg PSA, Micro
H9C7GL	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
H9XMRM	Neg AP, PSA, Micro	Neg AP, PSA, Micro
HE6Y4M	Neg AP, Micro	Neg AP, Micro
HEF8J2	Neg ALS, AP	Neg ALS, AP
HGM83M	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
HKRY87	Neg AP, PSA	Neg AP, PSA
HL269N	Neg AP, RSID-Semen, slide searching	Neg AP, RSID-Semen, slide searching
HP4UXC	Neg AP, Micro, p30	Neg AP, Micro
HPXTPV	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
J2BHE8	Neg AP, Micro	Neg AP, Micro
JLL627	Neg AP, PSA	Neg AP, PSA
JPVTF3	Neg AP	Neg AP
JRLM2Q	Neg ALS, AP	Neg ALS, AP
JTUTK7	Neg ALS, AP	Neg ALS, AP
JU92PZ	Neg AP	
JZWJA3	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
K7G4QN	Neg AP, ALS	Neg AP, ALS
K9944R	Neg AP, PSA, Micro	Neg AP, PSA, Micro
KC7L8K	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
KJPZUQ	Neg AP	Neg AP
KLX7FR	Neg ALS, AP, Micro	Neg ALS, AP, Micro
KNPZK9	Neg AP, PSA	Neg AP, PSA
KTDBBR	Neg PSA	Neg PSA
KYKDCT	Neg AP	Neg AP
L88TGM	Neg AP, Micro, PSA	Neg AP, Micro, PSA
LKD8JZ	Neg AP	Neg AP
LLR636	Neg ALS, AP	Neg ALS, AP
LNXM68	Neg PSA	Neg PSA
LRDBMH	Neg AP and Micro	Neg AP and Micro
LTRAMG	Neg AP	Neg AP
M2VTEB	Neg AP, PSA, Micro	Neg AP, PSA, Micro
M43G6E	Neg ALS	Neg ALS
M4622V	Neg AP, ALS	Neg AP, ALS
MDA9GV	Neg AP	Neg AP
MJYNA9	Neg AP	Neg AP
MM4A7L	Neg AP, Micro, PSA	Neg AP, Micro, PSA
N34VRE	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
N3RXTP	Neg AP	Neg AP
N437YX	Neg AP	Neg AP
N4F32G	Neg AP, Micro, PSA	Neg AP, Micro, PSA
N8H9W8	Neg AP only, no further testing	Neg AP only, no further testing
N8HE3U	Neg BCIP	Neg BCIP
NA9483	Neg ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
NBNMN8	Neg AP	Neg AP
NHYMNV	Neg AP	Neg AP
NQYJPL	Neg ALS, AP	Neg ALS, AP
NRKQTA	Neg AP, PSA, Micro	Neg AP, PSA, Micro
NXZVPP	Neg ALS, AP	Neg ALS, AP
NZJWKB	Neg AP	Neg AP
P3NX9F	Neg AP	Neg AP
P99RBE	Neg ALS, AP	Neg ALS, AP
PCVEZL	Neg ALS, Micro, AP	Neg ALS, Micro, AP
PK38ZF	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
PQQT7G	Neg AP	Neg AP
PV2HDB	Neg AP	NT
PZGEDZ	Neg AP, Micro	Neg AP, Micro
Q2RE9Y	Neg AP	Neg AP
Q32T8R	Neg BCIP	NT
Q67PTB	Neg AP	NT
Q7ZNVG	Neg AP	Neg AP
QAWPZW	Neg AP	Neg AP
QGW4MJ	Neg ALS, AP	Neg ALS, AP
QLX49A	Neg Brentamine	Neg Brentamine
QY2HBT	Neg BCIP	NT
R7XTRG	Neg ALS, AP	Neg ALS, AP
RBM9GN	Neg AP, ALS	Neg AP, ALS
REAV4A	Neg AP, ALS	Neg AP, ALS
RHPUDD	Neg AP	Neg AP
RRUH92	Neg AP	Neg AP
T3RPFK	Neg AP; PSA; Micro	Neg AP; PSA; Micro
T7UJHW	Neg AP	Neg AP
T9YLDM	Neg AP, Micro, ALS, PSA	Neg AP, Micro, ALS, PSA
TBMZ2W	Neg PSA	Neg PSA
TDADJK	Neg AP	Neg AP
TDEGCB	Neg AP	Neg AP
TE6PAT	Neg AP	Neg AP
TEHEEQ	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
TELBXW	Neg PSA	Neg PSA
TKFRMA	Neg AP, PSA, Micro	Neg AP, PSA, Micro
TNTGZR	Neg AP	Neg AP
TQKKJQ	Neg BCIP	NT
TZ2Z3E	Neg AP	Neg AP
U6YBXJ	Neg AP	Neg AP
U7BVZ2	Neg AP	Neg AP
UPGCZ6	Neg AP	Neg AP
UUVKDQ	Neg AP	Neg AP
UWADJW	Neg BCIP	Neg BCIP
V72YQ9	Neg AP, PSA, Micro	NT
V7ZU4Q	Neg AP, Micro, PSA	Neg AP, Micro, PSA
V99394	Neg ALS, Micro, p30	Neg ALS, Micro, p30
VCUH9C	Neg AP	Neg AP
VDZAUZ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
VJCV6P	Neg AP	Neg AP
VMYF7D	Neg AP	Neg AP
VTL9CL	Neg ALS, AP	Neg ALS, AP
VXNZ3P	Neg AP	Neg AP
VXTYC7	Neg AP	Neg AP
W24MZ8	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
WGZ8QQ	Neg BCIP	Neg BCIP
WUPPGU	Neg AP	NT
WUQCA2	Neg ALS, Micro, p30	Neg ALS, Micro, p30
XAGH9M	Neg AP	Neg AP
XB9KV3	Neg AP	Neg AP
XE93KH	Neg ALS, AP	Neg ALS, AP
XEQXGC	Neg AP, PSA, Micro	Neg AP, PSA, Micro
Y6WEC2	Neg ALS, AP, Micro	Neg ALS, AP, Micro
YCLRFB	Neg AP, Micro, PSA	Neg AP, Micro, PSA
YG72CL	Neg BCIP	Neg BCIP
YGPD78	Neg AP	Neg AP
YKWU2C	Neg AP, Micro, PSA	Neg AP, Micro, PSA
YL3ZXR	Neg ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
YMC8YY	Neg AP, Micro, PSA	Neg AP, Micro, PSA
YMGWEB	Neg AP, ALS	Neg AP, ALS
YNCB4N	Neg AP, Micro	Neg AP, Micro
Z2BDQ9	Neg ALS, AP	NT
Z3NDZ3	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
Z9FKJC	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
ZCZAEA	Neg ALS, AP	Neg ALS, AP
ZEKB9W	Neg AP	Neg AP
ZH2WGA	Neg AP, Micro, PSA card	Neg AP, Micro, PSA card
ZKX2PP	Neg AP, ALS	Neg AP, ALS
ZR9GXX	Neg AP	Neg AP

Table 1b: Serology Screening Response Summary - Semen			Participants: 247
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	0	0	
Negative	247	227	
Inconclusive	0	0	
Not Tested (NT)	0	19	
Not Reported	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
2GMAMG	Neg Phadebas	Neg Phadebas
2LV3Q7	Neg RSID	Neg RSID
2QALZZ	Neg RSID	Neg RSID
2ZVGU3	Neg RSID-Saliva	Neg RSID-Saliva
32TFU9	Neg ALS, Phadebas	Neg ALS, Phadebas
33ZZD2	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
3U79TA	Neg RSID-Saliva test	Neg RSID-Saliva test
44BZE3	Neg Phadebas	Neg Phadebas
44UYDL	Neg Phadebas	Neg Phadebas
4RRDH2	Neg Amylase	Neg Amylase
6CG97N	Neg RSID	Neg RSID
6P8JL2	Neg Amylase	Neg Amylase
77Q9FY	Neg Phadebas	Neg Phadebas
7DNJ7J	Neg RSID	Neg RSID
7XVFL	Neg RSID	Neg RSID
7ZEGUE	Neg RSID	Neg RSID
86AZKY	Neg Amylase	Neg Amylase
8NME6E	Neg Amylase Diffusion	Neg Amylase Diffusion
9F99M2	Neg RSID	Neg RSID
9HALFE	Neg RSID Saliva	Neg RSID Saliva
A93CE8	Neg RSID Saliva	Neg RSID Saliva
AQKFWR	Neg SERATEC Amylase	Neg SERATEC Amylase
AQL69C	Neg RSID	Neg RSID
AX7ACX	Neg Phadebas	Neg Phadebas
B4ACXQ	Neg RSID	Neg RSID
BJYP2K	Neg RSID	Neg RSID
BKBEV	Neg Phadebas	Neg Phadebas
BNBQBV	Neg Phadebas	Neg Phadebas
BRNKWU	Neg RSID	Neg RSID
BUVCZM	Neg Amylase	Neg Amylase
BYC3EC	Neg RSID Saliva	Neg RSID Saliva
BZ4APZ	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
CG7RW7	Neg Phadebas paper	Neg Phadebas paper
CZHJXM	Neg Amylase	Neg Amylase
DG896G	Neg Phadebas	Neg Phadebas
DQPYF8	Neg RSID	Neg RSID
E73V6T	Neg Phadebas	Neg Phadebas
EGL8MX	Neg Radial Diffusion	Neg Radial Diffusion
ELVGJ8	Neg RSID	Neg RSID
EPBX4X	Neg Phadebas	Neg Phadebas
ET3R9E	Neg Phadebas	Neg Phadebas
EU9DLT	Neg RSID Saliva	Neg RSID Saliva
EYLYPY	Neg ALS, Phadebas	Neg ALS, Phadebas
F4PG7X	Neg Radial Diffusion	Neg Radial Diffusion
F6LXDT	Neg Phadebas	Neg Phadebas
FGCUBK	Neg RSID	Neg RSID
G9YNVN	Neg Phadebas	Neg Phadebas
H8XBQ8	Neg RSID	Neg RSID
H9XMRM	Neg Phadebas	Neg Phadebas
HE6Y4M	Neg RSID Saliva	Neg RSID Saliva
HKRY87	Neg Phadebas	Neg Phadebas
HL269N	Neg RSID-Saliva	Neg RSID-Saliva
HP4UXC	Neg Phadebas	Neg Phadebas
HPXTPV	Neg Radial Diffusion	Neg Radial Diffusion
J2BHE8	Neg Phadebas	Neg Phadebas
JLL627	Neg Phadebas	Neg Phadebas
JZWJA3	Neg RSID-Saliva	Neg RSID-Saliva
K9944R	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
KLX7FR	Neg ALS, Phadebas	Neg ALS, Phadebas
KNPZK9	Neg Phadebas	Neg Phadebas
L88TGM	Neg Phadebas	Neg Phadebas
LNXM68	Neg RSID card	Neg RSID card
LRDBMH	Neg RSID	Neg RSID
M2VTEB	Neg Amylase	Neg Amylase
MJYNA9	Neg Phadebas	Neg Phadebas
MM4A7L	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
N4F32G	Neg Amylase	Neg Amylase
NBNMN8	Neg Phadebas	Neg Phadebas
NRKQTA	Neg Amylase	Neg Amylase
P36E7N	Neg RSID-Saliva	Neg RSID-Saliva
PCVEZL	Neg ALS, Phadebas	Neg ALS, Phadebas
RHPUDD	Neg Phadebas	Neg Phadebas
RRUH92	Neg Phadebas	Neg Phadebas
T3RPFK	Neg Radial Diffusion	Neg Radial Diffusion
TBMZ2W	Neg RSID	Neg RSID
TE6PAT	Neg RSID	Neg RSID
TKFRMA	Neg SERATEC Amylase	Neg SERATEC Amylase
U6YBXJ	Neg Amylase Diffusion	Neg Amylase Diffusion
U7BVZ2	Neg Phadebas	Neg Phadebas
V7ZU4Q	Neg Phadebas	Neg Phadebas
VXNZ3P	Neg Seratec Amylase	Neg Seratec Amylase
WUPPGU	Neg RSID	NT
XAGH9M	Neg Phadebas	Neg Phadebas
XEQXGC	Neg Phadebas	Neg Phadebas
Y6WEC2	Neg RSID	Neg RSID
YCLRFB	Neg Phadebas	Neg Phadebas
YKWU2C	Neg Phadebas	Neg Phadebas
YMC8YY	Neg Amylase	Neg Amylase
ZEYBWD	Neg RSID-Saliva	Neg RSID-Saliva
ZH2WGA	Neg RSID Saliva card	Neg RSID Saliva card

Table 1c: Serology Screening Response Summary - Saliva		Participants: 90	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	0	0	
Negative	90	89	
Inconclusive	0	0	
Not Tested (NT)	0	1	
Not Reported	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
2GMAMG	Pos HEXAGON OBTI TEST	Pos HEXAGON OBTI TEST
2JUHW2	Pos HemaTrace	Pos HemaTrace
2PW24J	Pos HemaTrace	NT
32TFU9	Pos Quantifiler Trio	Pos Quantifiler Trio
39JQG4	Pos Quant Trio	Pos Quant Trio
3AKQ9A	Pos RSID-Blood	Pos RSID-Blood
3RV2EZ	Pos RSID	Pos RSID
44UYDL	Pos Quant trio	Pos Quant trio
4DEAJ8	Pos HemaTrace	Pos HemaTrace
4HAKG8	Pos HemaTrace	Pos HemaTrace
4LNPZE	Pos HemaTrace, Ouchterlony	Pos HemaTrace, Ouchterlony
4RRDH2	Pos Ouchterlony (anti HgHb), Quant Trio	Pos Ouchterlony (anti-HgHb), Quant Trio
4VYRLF	Pos HemaTrace, Ouchterlony	Pos HemaTrace, Ouchterlony
6PQW8X	NT	Pos RSID-Blood
7RDQQK	Pos PowerQuant	Pos PowerQuant
7TYVMW	Pos RSID	Pos RSID
88FULV	Pos RSID-Blood	NT
8EEDUR	Pos HemaTrace	Pos HemaTrace
8G89Q2	Pos Quant Duo	Pos Quant Duo
8HKWYF	Pos PowerQuant	Pos PowerQuant
8M8BET	Pos HemaTrace	Pos HemaTrace
9EDPLZ	Pos HemaTrace	Pos HemaTrace
9F99M2	Pos HemaTrace	Pos HemaTrace
9ML2WC	Pos HemDirect	Pos HemDirect
9VFWPL	Pos PowerQuant	Pos PowerQuant
9WGDE7	Pos RSID-Blood	Pos RSID-Blood
A7X722	Pos HemaTrace	Pos HemaTrace
A93CE8	Pos Quantifiler Trio	Pos Quantifiler Trio
AKFFZ6	Pos HT	Pos HT
AQ77B2	Pos HemaTrace	Pos HemaTrace
B3VMET	Pos HemaTrace	Pos HemaTrace
BJYP2K	Pos Power Quant	Pos Power Quant
BT629V	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
C6EYTP	Pos HemaTrace	Pos HemaTrace
DDH46H	Pos PowerQuant	Pos PowerQuant
DRK36V	Pos HemaTrace	Pos HemaTrace
DVKDZV	Pos HemaTrace	Pos HemaTrace
E28H9Q	Pos HemaTrace	Pos HemaTrace
EG42J2	Pos HemaTrace	Pos HemaTrace
EPBX4X	Pos Quant Trio	Pos Quant Trio
ET3R9E	Pos Quant Trio	Pos Quant Trio
EYLYPY	Pos Quantifiler Trio	Pos Quantifiler Trio
FMZ63P	Pos Quant Trio	Pos Quant Trio
FYGJUR	Pos HemaTrace	Pos HemaTrace
G9YNVN	Pos RSID	Pos RSID
GW7GHX	Pos HemaTrace	Pos HemaTrace
H9C7GL	Pos RSID	Pos RSID
HCVNUJ	Pos HemaTrace	Pos HemaTrace
HEF8J2	Pos HemaTrace, Ouchterlony	Pos HemaTrace, Ouchterlony
HGM83M	Pos RSID	Pos RSID
HKRY87	Pos Quant Trio	Pos Quant Trio
HMD6MQ	Pos HemaTrace	Pos HemaTrace
HPXTPV	Pos HemaTrace	Pos HemaTrace
J2BHE8	Pos Quantiplex HYRes	Pos Quantiplex HYRes
J3Z32Q	Pos HemaTrace	Pos HemaTrace
J9RCBP	Pos HemaTrace	Pos HemaTrace
JLFPYD	Pos PowerQuant	Pos PowerQuant
JLL627	Pos Quant Trio	Pos Quant Trio
JTVLQ	Pos HemaTrace	Pos HemaTrace
KC7L8K	Pos RSID	Pos RSID
KLX7FR	Pos Quantifiler Trio	Pos Quantifiler Trio
KN3QAJ	Pos Quant Duo	Pos Quant Duo
KNPZK9	Pos Quant Trio	Pos Quant Trio
LEBMQH	Pos HemaTrace	Pos HemaTrace
LEUGJ6	Pos PowerQuant Autosomal	Pos PowerQuant Autosomal
LEUJ3H	Pos RSID Blood	NT
LLR636	Pos HemaTrace, Ouchterlony	Pos HemaTrace, Ouchterlony
LQJYUJ	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
LT7HUV	Pos ABACard	Pos ABACard
LTRAMG	Pos HemaTrace	Pos HemaTrace
N34VRE	Pos RSID	Pos RSID
NHYMNV	Pos HemaTrace	Pos HemaTrace
NPKUQF	Pos RSID Blood	Pos RSID Blood
P3NX9F	Pos Quantifiler Duo	Pos Quantifiler Duo
P9ANLA	Pos HemaTrace	Pos HemaTrace
PCVEZL	Pos Quantifiler Trio	Pos Quantifiler Trio
PK38ZF	Pos RSID	Pos RSID
PKN9ZJ	Pos HemaTrace	Pos HemaTrace
PUCZMC	Pos HemaTrace	Pos HemaTrace
Q3F6Y6	Pos PowerQuant	Pos PowerQuant
Q7ZNVG	Pos HemaTrace	Pos HemaTrace
QFCYNL	Pos RSID-Blood	Pos RSID-Blood
QFQMJL	Pos HT	Pos HT
QZV7UN	Pos ABA Card HemaTrace	Pos ABA Card HemaTrace
R6LG8E	Pos HemaTrace	Pos HemaTrace
T2YPN2	Pos Quant	Pos Quant
T3RPFK	Pos HemaTrace	Pos HemaTrace
T6ZVY2	Pos PowerQuant	Pos PowerQuant
TDADJK	Pos HemaTrace	Pos HemaTrace
TNTGZR	Pos HemaTrace	NT
U6YBXJ	Pos HemaTrace	Pos HemaTrace
U74FD8	Pos HemaTrace	Pos HemaTrace
UNPVRC	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
UPGCZ6	Pos HemaTrace	Pos HemaTrace
V2T6VH	Pos HemaTrace	Pos HemaTrace
V7ZU4Q	Pos Quantifiler Trio	Pos Quantifiler Trio
VEJUYY	Pos PowerQuant	Pos PowerQuant
VMYF7D	Pos Quantifiler	Pos Quantifiler
VXNZ3P	Pos Seratec Hemdirect	Pos Seratec Hemdirect
W24MZ8	Pos RSID	Pos RSID
WXBN77	Pos HemaTrace	Pos HemaTrace
XWCJZG	Pos HemaTrace	Pos HemaTrace
XZBEN6	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
Y2394R	Pos PowerQuant	Pos PowerQuant
YGPD78	Pos HemaTrace	Pos HemaTrace
Z3NDZ3	Pos RSID	Pos RSID
Z9FKJC	Pos RSID	Pos RSID
ZHHT8N	Pos PowerQuant	Pos PowerQuant
ZUCCLU	Pos PowerQuant	Pos PowerQuant

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 109
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	108	105	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	1	4	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
39JQG4	Neg Quant Trio	Pos Quant Trio
3RV2EZ	Neg QF Trio	Pos QF Trio
44UYDL	Neg Quant trio	Pos Quant trio
4DRWNE	Neg Casework Direct	Pos Casework Direct
4KRCDM	Neg Plexor HY kit	Pos Plexor HY kit
4RRDH2	Neg Quant Trio	Pos Quant Trio
63V63U	Neg TRIO	Pos TRIO
6KUBFV	Neg Promega Casework Direct Kit	Pos Promega Casework Direct Kit
6PQW8X	Neg NaOH	Pos NaOH
7DNJ7J	Neg	Pos
7RDQQK	Neg PowerQuant	Pos PowerQuant
7TYVMW	Neg QF Trio	Pos QF Trio
7XCE9J	Neg Plexor HY Kit	Pos Plexor HY Kit
86GG6X	Neg	Pos
88FULV	Neg NaOH	Pos NaOH
8G89Q2	Neg Quant Duo	Pos Quant Duo
9F99M2	Neg Casework direct, PQ	Pos Casework direct, PQ
A7X722	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
A93CE8	Neg Quantifiler Trio	Pos Quantifiler Trio
AE9Z2G	Neg Plexor HY System	Pos Plexor HY System
APVULP	Neg TRIO	Pos TRIO
B6GY7N	Neg TRIO	Pos TRIO
BZ4APZ	Neg Quantifiler Trio	Pos Quantifiler Trio
CG7RW7	Neg Quantifiler	Pos Quantifiler
ERHDCP	Neg NaOH Y Screen	Pos NaOH Y Screen
ERVFWX	Pos	Pos
ET3R9E	Neg Quant Trio	Pos Quant Trio
EZBGDD	Neg Plexor HY Kit System	Pos Plexor HY Kit System
FMZ63P	Neg Quant Trio	Pos Quant Trio
G9YNVN	Neg PowerQuant	Pos PowerQuant
H8XBQ8	Neg	Pos
HKRY87	Neg Quant Trio	Pos Quant Trio
HTK7R8	Neg Plexor HY System	Pos Plexor HY System
J2BHE8	Neg Quantiplex HYRes	Pos Quantiplex HYRes
J4U6XY	Neg Casework Direct	Pos Casework Direct

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
JDJUW9	Neg Plexor HY	Pos Plexor HY
JGH6T9	Neg Plexor HY Kit	Pos Plexor HY Kit
JJT6XF	Neg TRIO	Pos TRIO
JLL627	Neg Quant Trio	Pos Quant Trio
KC7L8K	Neg QF Trio	Pos QF Trio
KN3QAJ	Neg Quant Duo	Pos Quant Duo
KNPZK9	Neg Quant Trio	Pos Quant Trio
LEUGJ6	Neg PowerQuant Y	Pos PowerQuant Y
LEUJ3H	Neg NaOH Y-Screen	Pos NaOH Y-screen
MQZU8J	Neg Plexor HY	Pos Plexor HY
N34VRE	Neg QF Trio	Pos QF Trio
NFDBWX	Neg Casework Direct	Pos Casework Direct
NPKUQF	Neg NaOH male screen	Pos NaOH male screen
P2DVHA	Neg Promega Casework Direct	Pos Promega Casework Direct
P3NX9F	Neg Quantifiler Duo	Pos Quantifiler Duo
PK38ZF	Neg QF Trio	Pos QF Trio
PZGDAT	Neg Casework Direct	Pos Casework Direct
Q7ZNVG	Neg PowerQuant	Pos PowerQuant
QAWPZW	Neg	Pos
QR3TWA	Neg Promega's Casework Direct Kit	Pos Promega's Casework Direct Kit
T2YPN2	Neg Quant	Pos Quant
TB6MGB	Neg NaOH extraction	Pos NaOH extraction
TEHEEQ	Neg Quantiplex kit	Pos Quantiplex kit
UNPVRC	Neg Quant Trio	Pos Quant Trio
V7ZU4Q	Neg Quantifiler Trio	Pos Quantifiler Trio
VEJUYY	Neg PowerQuant	Pos PowerQuant
VMYF7D	Neg Quantifiler	Pos Quantifiler
W24MZ8	Neg QF Trio	Pos QF Trio
WQ7FR4	Neg TRIO	Pos TRIO
WUPPGU	Neg Quantifiler Trio	Pos Quantifiler Trio
WUR4JV	Neg Quant Trio	Pos Quant Trio
Y2394R	Neg PowerQuant	Pos PowerQuant
Z3NDZ3	Neg QF Trio	Pos QF Trio
ZXVBVH	Neg Casework Direct	Pos Casework Direct

Table 1e: Serology Screening Response Summary - Y ScreeningParticipants: **69**

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

	Item 3	Item 4
Positive	1	69
Negative	68	0
Inconclusive	0	0
Not Tested (NT)	0	0
Not Reported	0	0

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results	
	Item 3	Item 4
8G89Q2	ALS Neg	ALS Neg
EHYU6C	Amylase Neg Amylase Diffusion	Amylase Neg Amylase Diffusion
GAU6B7	hair search Neg Visual exam	hair search Neg Visual exam
Q2RE9Y	ALS Neg Polilight	ALS Neg Polilight
QGGDNU	Urine, Feces Neg DMAC/Creatinine, Urobilinogen/Micro	Urine, Feces Neg DMAC/Creatinine, Urobilinogen/Micro

STR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - STR Results

266P4K	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR		
2743Z7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
28WTQZ	Identifiler®, NGM					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11,11
	24,28				7,9	9,10
	16,19					
2BFK79	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2BWDVQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2CYRXQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

2ETHDV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2GMAMG	GlobalFiler™ Express					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2HVP8M	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NSD			NSD	
2JMKEB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2JUHW2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	[9,10]
	16,[19]					
2K2E9A	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2KJZM2	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

2KZHZZ	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
2LV3Q7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
2LWVMT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2M8ECB	Investigator® 24plex					
	14.3,17.3	19,19	13.3,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2NLTPC	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
2PW24J	Identifiler® Plus					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
2QALZZ	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

2TU292	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
2TXLZB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2Y4D8N	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2ZDK9V	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2ZVGU3	GlobalFiler™ PCR Amplification Kit					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
33ZZD2	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
39JQG4	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

3A4PDU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3AKQ9A	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3D4URZ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3DWTXL	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3LBWQ7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3LUMUY	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
3M233Q	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

3MATKB	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
3MP9K6	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
3NWFUP	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
3QAWHN	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3RV2EZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
3RZQVE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
3U79TA	NGM SElect					
	14.3,17.3	19,19	14,14	13,17		
1		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X,X	
	24,28			26.2,27.2	7,9	
	16,19					

TABLE 2

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

Item 1 - STR Results

43CDGK	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
44BZE3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
44NKT7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
44UYDL	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
47VZZC	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
4DEAJ8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4DRWNE	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

4E7D7M	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4HAKG8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4JYE82	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
4LNPZE	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4PB38X	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4RFTA7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4RRDH2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	NT
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	NT	NT	26.2,27.2	7,9	9,10
	16,19	NR	NT	NT	NR	

TABLE 2

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

Item 1 - STR Results

4T8XLQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4TAGT2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
4VEDVH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4VJECB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4VU374	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	[12],13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
4VYRLF	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4WNTCJ	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

4YDPQG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
63V63U	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
64NTLQ	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
67CHP4	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6AQJ3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
6AQN2Y	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	No result			No result	
6CG97N	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

6CYR32	Investigator® 24plex GO, 27 Flex plex					
	14.3,17.3	19,19	14,14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	INC	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
6EM6M6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
6JVQB3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
6JXNUQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6KC9PM	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
6KUBFV	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NID			NID	
6MWYDR	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

6P8JL2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6PQW8X	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
6QUN6D	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
6RA3JE	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
6UP4YM	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
6VAVB7	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
6VUY2D	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

6W6PEN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
72DWCZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
72U798	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	-	-	-		
76UZY3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
77Q9FY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7BGWHX	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7CCRD3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 1 - STR Results

7DNJ7J	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7DQM83	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7JDKGB	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
7JVVGX	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
7NTVWZ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	NR
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	NR	NR	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR	NR	
7PH7PE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7QTB2G	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

7RDQQK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7TFPPR	Investigator® 24plex (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7TYVMW	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
7VMZNF	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
7XCE9J	Investigator® 24plex GO!					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7XVFL	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7YCF64	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

7Z6DDA	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7ZEGUE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7ZM9WW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
86GG6X	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
88FULV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
8DKVK4	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8EEDUR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

8FFAC3	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
8G89Q2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8HKWYF	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
8HUMN6	Identifiler® Plus (Genotyper 3.7)					
		19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11
	24,28				7,9	9,10
	16,19					
8HXZF8	VeriFiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
8HZB7P	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8KK9C8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

8M8BET	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8MVVK8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8NME6E	Identifiler® Plus					
		19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X	11
	24,28				7,9	9,10
	16,19					
8PYE29	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	INC				
8Y3YBA	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
8ZWCN9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
924HW9	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

92ZWZR	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
93VHRX	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
94C847	PowerPlex® Fusion, 21, Verifiler Express					
	14.3,17.3	19	14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
96Z9WR	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
99NFP2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9CNL7T	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
9EDPLZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 1 - STR Results

9EZCJ4	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
9F99M2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
9FNCF9	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	INC				
9HALFE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9JN4JJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9KEE67	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9LBMKG	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

9ML2WC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9MP6P9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9VFWPL	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
9VLVC6	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
9WGDE7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9XKWU8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
9ZUEZB	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

A2X222	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
A62663	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
A7X722	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,[9]	9,10
	16,19	-			-	
A93CE8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AB7Y2J	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ABNRH3	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X Software v1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
ACHRZR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

ACZMJE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AE9Z2G	Investigator® 24plex GO					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	--				
AGXBY2	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
AKFFZ6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ALBTQ4	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ALH4TU	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	neg.			neg.	
APUWBU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

APVULP	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AQ77B2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
AQKFWR	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	ND	ND	ND		
AQL69C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AUX6AA	Identifiler®					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
AUX8YE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AX7ACX	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

AXWJUE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
B3VMET	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
B4ACXQ	GlobalFiler™ (STRmix 2.8)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
B6GY7N	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BFCM37	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BHL3J7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BJYP2K	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

BK9CLY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
BKBFEV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BKTDJF	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
BL6CGA	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
BNBQBV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BRNKWU	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BRX6Y6	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

BT629V	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BUVCZM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BWM9Q3	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BWPGQU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BXLQ8R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BYC3EC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BZ4APZ	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

C33DUM	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
C6EYTP	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
C782CX	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
C7BZR7	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
CBHBYE	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
CBQJYF	PowerPlex® Fusion 6C Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
CC8GYK	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

CEPUVF	PowerPlex® Fusion 6C Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
CG7RW7	NGM SElect					
	14.3,17.3	19,19	14,14	13,17		
1		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X,X	
	24,28			26.2,27.2	7,9	
	16,19					
CLZQ8U	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
CMC9LT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	-
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	-	-	26.2,27.2	7,9	9,10
	16,19	-	-	-	-	-
CP3X2L	GlobalFiler™, MiniFiler					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	Not Detected			Not Detected	
CPKGXY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
CQAFZG	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

CZHJXM		GlobalFiler™					
		14.3,17.3	19	14	13,17	11,12	
1		9,10	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X	11
		24,28			26.2,27.2	7,9	9,10
		16,19					
D2WTRD		GlobalFiler™					
		14.3,17.3	19	14	13,17	11,12	
1		9,10	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X	11
		24,28			26.2,27.2	7,9	9,10
		16,19					
D77R9K		PowerPlex® Fusion					
		14.3,17.3	19	14	13,17	11,12	
1		9,10	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X	11
		24,28	10,11	8,21		7,9	9,10
		16,19					
DD3QJ8		GlobalFiler™ Express					
		14.3,17.3	19,19	14,14	13,17	11,12	
1		9,[10]	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X,X	11,11
		24,28			26.2,27.2	7,9	9,10
		16,19	NR			NR	
DD6MYW		Investigator® 24plex GO!					
		14.3,17.3	19	14	13,17	11,12	
1		9,10	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X	11
		24,28			26.2,27.2	7,9	9,10
		16,19					
DDH46H		PowerPlex® Fusion 6C					
		14.3,17.3	19,19	14,14	13,17	11,12	
1		9,10	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X,X	11,11
		24,28	10,11	8,21	26.2,27.2	7,9	9,10
		16,19					
DDP2T2		GlobalFiler™					
		14.3,17.3	19	14	13,17	11,12	
1		9,10	14,16	12,13	17,19	11,12	10,11
		16,19	12,13	28,30	11,17	X	11
		24,28			26.2,27.2	7,9	9,10
		16,19					

TABLE 2

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

Item 1 - STR Results

DG896G	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DHCCK7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DM8A8B	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DPYQJP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DQPYF8	Investigator® 24plex (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DQTMVQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DRK36V	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 1 - STR Results

DTX9CB	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DUQGMV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
DVKDZV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
DVKM2L	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
DZDGM9	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR		
E24DZL	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
E28H9Q	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

E2LNCY	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
E73V6T	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EDWWER	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
EF46QW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EG42J2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EGELRW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
EGL8MX	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

EHYU6C		Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19	-					
EJ69HJ		GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
EK66BM		GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
ELVGJ8		GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
EMLKCE		GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X,X	11,11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
ERHDCP		GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19	NR			NR		
ERVFWX		GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X,X	11,11	
	24,28			26.2,27.2	7,9	9,10	
	16,19	-			-		

TABLE 2

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

Item 1 - STR Results

ET3R9E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ETDRUN	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ETTBEK	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
EU9DLT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
EUY9QW	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
EWGPCV	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EXBDVQ	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

EY2P8H	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
F4PG7X	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
F6LXDT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
F884UY	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
F9J4QT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
FA3C49	PowerPlex® Fusion 6C Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
FAZL6D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

FDRU6D	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FFZ632	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
FGCUBK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FGVPNF	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FHX23X	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
FM33YL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FMZ63P	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

FQJGJK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FRCT3L	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
FT9R8T	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
FT9UYH	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
FUHYC7	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FX4CKP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FYGJUR	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 1 - STR Results

G2WFT3		GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
G4M7R7		GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X,X	11,11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
G7WZYR		GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
G8QQ3L		PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X,X	11,11	
	24,28	10,11	8,21	26.2,27.2	7,9	9,10	
	16,19						
G8YT7Q		GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	NT	
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X,X	11,11	
	24,28	NT	NT	26.2,27.2	7,9	9,10	
	16,19	NR	NT	NT	NR		
G9XGK2		GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11	
	24,28			26.2,27.2	7,9	9,10	
	16,19						
G9YNVN		PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12		
1	9,10	14,16	12,13	17,19	11,12	10,11	
	16,19	12,13	28,30	11,17	X	11,12	
	24,28	10,11	8,21		7,9	9,10	
	16,19						

TABLE 2

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

Item 1 - STR Results

GAU6B7	Identifiler® Plus					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
GL737E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
GTKKAT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
GTLLMT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
GTPVCR	Investigator® 24plex GO!					
	14.3,17.3	19,19	14,14	13,17	11,12	N/A
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	N/A	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
GVUDKV	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
GY926R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 1 - STR Results

GYXK6D	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
H3BMM4	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
H6FCPC	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
H78FCR	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
H8XBQ8	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
H9XMRM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HCR8BR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 1 - STR Results

HCT9QC	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HCVNUJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HD4M6T	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
HE6Y4M	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HEF8J2	Investigator® 24plex GO!					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HH24GM	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
HKRY87	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

HL269N	NGM SElect					
	14.3,17.3	19,19	14,14	13,17		
1		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X,X	
	24,28			26.2,27.2	7,9	
	16,19					
HMD6MQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
HP4UXC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HPXTPV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HTK7R8	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HUGJT8	PowerPlex® Fusion 6C Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
HUUR9F	PowerPlex® Fusion, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				

TABLE 2

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

Item 1 - STR Results

HV7PHQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
HY3BAT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
J2BHE8	GlobalFiler™ (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
J3Z32Q	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
J4U6XY	PowerPlex® Fusion5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
J9RCBP	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
JDJUW9	Investigator® 24plex GO!					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

JEU88H	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JEXRYR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
JGH6T9	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JJT6XF	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JKJ27N	Investigator® 24plex GO!					
	14.3,17.3	19,19	14,14	13,17	11,12	n/a
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	n/a	n/a	26.2,27.2	7,9	9,10
	16,19	n/a	n/a	n/a	n/a	
JLFPYD	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
JLL627	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

JPVTF3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
JRLM2Q	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
JTUTK7	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
JTVLQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
JU92PZ	Identifiler® Id+					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
JZWJA3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JZXBQ6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	-	-	26.2,27.2	7,9	9,10
	16,19	-	-	-	-	

TABLE 2

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

Item 1 - STR Results

K2BEHG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
K2JEWG	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
K2N6CT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
K6BPDG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
K7G4QN	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
K9944R	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KC4UBX	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

KC7L8K	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KHEXAD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KJPZUQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KNPZK9	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KQMR47	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KRD3QR	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KRXJ7U	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

KTDBBR	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	-	-	-		
KYE62K	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KYKDC	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
L7PAAP	GlobalFiler™ PCR Amplification kit (GeneMapper™ ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
L88TGM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
L9KCGK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
L9WMXJ	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

LBARVL	PowerPlex® Fusion 6C Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LDW3X9	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LEBMQH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
LEUGJ6	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LEUJ3H	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
LG4GK7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LK2W2G	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

LKD8JZ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	NT
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	NT	NT	26.2,27.2	7,9	9,10
	16,19	NR	NT	NT	NR	
LLR636	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LNXM68	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LQ3BLH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LQJYUJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LRDBMH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LT7HUV	PowerPlex® Fusion					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

LTRAMG	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LX3RV3	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
LXLGJN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
M2GPZ4	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
M2VTEB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
M3LYTF	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
M43G6E	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

M4622V	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MCDCWL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
MDA9GV	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MFG46M	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
MJYNA9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
MKQ4MK	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MM4A7L	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

MN64DJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
MQZU8J	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MTNJF4	PowerPlex® Fusion 6C Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
MW9HLK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
MXGE9B	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N34T3A	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N34VRE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

N3RXTF	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N437YX	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	--
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR	--	
N68LXU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N8H9W8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	no result			no result	
N8HE3U	GlobalFiler™, Argus X-12					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N8NME3	PowerPlex® 21					
	14.3,17.3	19,19		13,17	11,12	11,12
1	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NA9483	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

NBNMN8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NFB9YL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
NFDBWX	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NHYMNV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NNN3C3	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NPKUQF	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
NPZD9R	GlobalFiler™ Direct, Argus X-12					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

NQQ3BE	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NQYJPL	Investigator® 24plex GO!					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NRKQTA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NT2BQ8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	No results			No results	
NUEFEQ	Verifiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19				ND	
NXZVPP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NZ26WF	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

NZFRAN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
NZJWKB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P2DVHA	GlobalFiler™ GlobalFiler Express (GFE)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NID			NID	
P36E7N	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P3NX9F	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P7KURA	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
P8U4HL	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 1 - STR Results

P99RBE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P9ANLA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PA3A22	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PGJHRJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
PJ8HZT	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PJB6DZ	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PJQBTP	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

PK38ZF	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
PKN9ZJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
PMLW9E	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
PQQT7G	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
PUCZMC	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PV2HDB	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PV43AR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	

TABLE 2

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

Item 1 - STR Results

PWE8JA	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PX6DWE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	no result			no result	
PZGDAT	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PZGEDZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Q2RE9Y	PowerPlex® 21					
	14.3,17.3	19,19		13,17	11,12	11,12
1	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
Q3F6Y6	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
Q67PTB	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

Q7M94E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Q7ZNVG	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
QBWDWAK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QFCYNL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QFQMJL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QGEBT2	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
QGFH6N	VeriFiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19				ND	

TABLE 2

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

Item 1 - STR Results

QGGDNU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QGW4MJ	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
QK7ZLU	GlobalFiler™ Direct, ArgusX					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QLX49A	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QQ8JFD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	N/A			N/A	
QR3TWA	Flex Plex					
	14.3,17.3	NID	NID	NID	11,12	11,12
1	9,10	NID	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	NID	NID
	24,28	NID	NID	NID	7,9	9,10
	16,19	NID	NID	NID		
QXLPFJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 1 - STR Results

R6LG8E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
R7XTRG	PowerPlex® Fusion 6c					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
RBM9GN	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
REAV4A	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
RGTGQK	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
RGXQQX	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RHPUDD	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	0	0	0		

TABLE 2

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

Item 1 - STR Results

RLMVB7	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RLTH2F	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
RRT2XJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
RRUH92	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RVWAL9	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RYXF2E	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
T22WVH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 1 - STR Results

T2YPN2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T3RPFK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T4M9GL	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T6ZVY2	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
T7BF7P	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T7UJHW	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
T9YLDM	Verifiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	NT	7,9	9,10
	16,19	NT	NT	NT	ND	

TABLE 2

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

Item 1 - STR Results

TAURNR	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
TB6MGB	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
TBM2ZW	Identifiler®, PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
TDADJK	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TDEGCB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TE6PAT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TEHEEQ	Identifiler® Plus					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

TELBXW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TKFRMA	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	ND	ND	ND		
TNTGZR	Identifiler® Plus					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
TPNTAK	PowerPlex® 21					
	14.3,17.3	19		13,17	11,12	11,12
1	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
TQKKJQ	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TTMHZK	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TZ2Z3E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

U2QJMC	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
U2U9RA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
U4YW6D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
U6TKNA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,[13]	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
U6YBXJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
U74FD8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
U7BVZ2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

U7PLLQ	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
UCBV2A	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
UEXMWD	Investigator® 24plex GO! & QS, 27 FlexPlex					
	14.3,17.3	19,19	14,14	13,17	11,12	11,12
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	INC	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
UFZN8R	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
UK44JF	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
UMCKE6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
UNPVRC	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	

TABLE 2

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

Item 1 - STR Results

UPGCZ6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
UR86NG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
UUVKDQ	Identifiler® Plus					
		19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11
	24,28				7,9	9,10
	16,19					
UV27J4	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
UWADJW	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
UY76AG	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
V2T6VH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

V4GT6X	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
V72YQ9	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
V7ZU4Q	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
V99394	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
VBWQ3C	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
VC4QRW	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VCUH9C	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

VDZAUx	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
VEJUyV	Identifiler® ID+, PowerPlex® Fusion 6C, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
VJC42G	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VJCV6P	Identifiler® Plus					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
VMYF7D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VTL9CL	GlobalFiler™, Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VUT6LB	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	N/A
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	N/A	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

VUUKTM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VVMXDN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VXNZ3P	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VXTYC7	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
W24MZ8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	No Result			No Result	
W93KX7	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
WCTX3N	GlobalFiler™ Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			29.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

WGZ8QQ	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
WHFUM6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
WJ4DGB	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
WJMTF8	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
WMQ6EY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WQ7FR4	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WTP4UA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 1 - STR Results

WU8HDX	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
WUPPGU	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WUQCA2	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
WUR4JV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WXBN77	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WXMZPN	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
WZCE26	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

X3DXM4	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
X4TVF3	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
X66BBB	Investigator® 24plex GO!					
	14.3,17.3	19,19	14,14	13,17	11,12	N/A
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	N/A	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
X6ZZ9C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XB9KV3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
XE93KH	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
XEQXGC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

XHCWU	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
XMJ9PL	GlobalFiler™, Direct					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
XTA83B	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XU3X9P	PowerPlex® Fusion5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
XUEW2D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XUJANA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XVRWB8	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

XZBEN6	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Y2394R	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
Y4KY4P	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Y6V7HW	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	no results			no results	
Y6WEC2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Y97B9R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YCLRFB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

YE39HM	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YE974K	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YG72CL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YGPD78	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
YKWU2C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YL3ZXR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YMC8YY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

YMGWEB	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
YMZTNP	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
YNCB4N	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YR9YKV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YVQGJR	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
YVRNR9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
YWK63M	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

Z2BDQ9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
Z3NDZ3	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
Z3P8TA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZCZAEA	GlobalFiler™ Express					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZEKB9W	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZEYBWD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZFHMRH	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

ZGN6NT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZH2WGA	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZHHT8N	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZKNGKT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZKX2PP	PowerPlex® 21					
	14.3,17.3	19,19		13,17	11,12	11,12
1	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ZMUDZA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
ZPHRPK	Identifiler® Plus					
		19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11
	24,28				7,9	9,10
	16,19					

TABLE 2

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

Item 1 - STR Results

ZR9GXX	Identifiler® Plus					
		19,19		13,17	11,12	
1	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
ZTJX26	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ZUCCLU	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZV6Z4P	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ZXJDYD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
ZXVBVH	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
1	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 2 - STR Results

266P4K	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
2743Z7	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
28WTQZ	Identifiler®, NGM					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24				7,7	6,8
	15,18					
2BFK79	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
2BWDVQ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
2CYRXQ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
2ETHDV	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

2GMAMG	GlobalFiler™ Express					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2HVP8M	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2JMKEB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
2JUHW2	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2K2E9A	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2KJZM2	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
2KZHZZ	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

2LV3Q7	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
2LWVMT	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2M8ECB	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
2NLTPC	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
2PW24J	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					
2QALZZ	GlobalFiler™ (STRmix)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
2TU292	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

2TXLZB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
2Y4D8N	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2ZDK9V	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
2ZVGU3	GlobalFiler™ PCR Amplification Kit					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
33ZZD2	GlobalFiler™ (STRmix)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
39JQG4	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
3A4PDU	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

3AKQ9A	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
3D4URZ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
3DWTXL	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
3LBWQ7	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
3LUMUY	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
3M233Q	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
3MATKB	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

3MP9K6	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
3NWFUP	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
3QAWHN	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
3RV2EZ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
3RZQVE	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
3U79TA	NGM SElect					
	14,14	19,23	11,13	15,16		
2		13,14	13,15	16,19		11,12
	15,16	14,14.2	30,31	15,15	X,Y	
	20,24			15,20	7,7	
	15,18					
43CDGK	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

44BZE3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
44NKT7	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
44UYDL	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
47VZZC	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
4DEAJ8	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4DRWNE	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
4E7D7M	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

4HAKG8	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
4JYE82	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4LNPZE	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
4PB38X	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4RFTA7	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4RRDH2	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	NT
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	NT	NT	15,20	7,7	6,8
	15,18	10	NT	NT	2	
4T8XLQ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

4TAGT2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4VEDVH	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4VJECB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4VU374	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
4VYRLF	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
4WNTCJ	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
4YDPQG	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

63V63U	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
64NTLQ	GlobalFiler™ (STRmix)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
67CHP4	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
6AQJ3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
6AQN2Y	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
6CG97N	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
6CYR32	Identifiler®, Investigator® 24plex QS, 27 Flex plex					
	14,14	19,23	11,13	15,16	11,13	INC
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	N/A	7,10	15,20	7,7	6,8
	15,18	10	INC	17	N/A	

TABLE 2

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

Item 2 - STR Results

6EM6M6	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
6JVQB3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
6JXNUQ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
6KC9PM	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
6KUBFV	FlexPlex 27					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24		7,10	15,20	7	6,8
	15,18	10	17	17		
6MWYDR	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
6P8JL2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

6PQW8X	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
6QUN6D	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
6RA3JE	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
6UP4YM	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
6VAVB7	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
6VUY2D	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
6W6PEN	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

72DWCZ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
72U798	PowerPlex® Fusion 6c					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
76UZY3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
77Q9FY	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
7BGWHX	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
7CCRD3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
7DNJ7J	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

7DQM83	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
7JDKGB	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
7JVVGX	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
7NTVWZ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	NR
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	NR	NR	15,20	7	6,8
	15,18	10	NR	NR	2	
7PH7PE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
7QTB2G	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
7RDQQK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

7TFPPR	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
7TYVMW	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
7VMZNF	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
7XCE9J	Investigator® 24plex GO!					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
7XVFL	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
7YCF64	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
7Z6DDA	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

7ZEGUE	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
7ZM9WW	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
86GG6X	GlobalFiler™ (STRmix)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
88FULV	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
8DKVK4	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
8EEDUR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
8FFAC3	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

8G89Q2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
8HKWYF	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
8HUMN6	Identifiler® Plus (Genotyper 3.7)					
		19,23		15,16	11,13	
2	11,12	13,14			11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7	6,8
	15,18					
8HXZF8	VeriFiler Plus					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18				2	
8HZB7P	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
8KK9C8	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
8M8BET	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

8MVVK8	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
8NME6E	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7	6,8
	15,18					
8PYE29	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	INC				
8Y3YBA	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
8ZWCN9	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
924HW9	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
92ZWZR	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

93VHRX	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
94C847	PowerPlex® Fusion, 21, Verifiler Express					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10			2	
96Z9WR	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
99NFP2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9CNL7T	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9EDPLZ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
9EZCJ4	GlobalFiler™ (STRmix)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

9F99M2	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
9FNCF9	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	INC				
9HALFE	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9JN4JJ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9KEE67	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
9LBMKG	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
9ML2WC	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

9MP6P9	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9VFWPL	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
9VLVC6	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
9WGDE7	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9XKWU8	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
9ZUEZB	GlobalFiler™					
	14,14	19,[23]	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
A2X222	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

A62663	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
A7X722	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
A93CE8	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
AB7Y2J	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
ABNRH3	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X Software v1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
ACHRZR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ACZMJE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

AE9Z2G	Investigator® 24plex GO					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
AGXBY2	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
AKFFZ6	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ALBTQ4	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
ALH4TU	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
APUWBU	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
APVULP	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

AQ77B2	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
AQKFWR	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
AQL69C	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
AUX6AA	Identifiler®					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					
AUX8YE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
AX7ACX	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
AXWJUE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

B3VMET	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
B4ACXQ	GlobalFiler™ (STRmix 2.8)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
B6GY7N	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
BFCM37	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BHL3J7	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
BJYP2K	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
BK9CLY	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

BKBEV	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BKTDJF	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
BL6CGA	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
BNBQBV	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BRNKWU	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
BRX6Y6	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BT629V	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

BUVCZM	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BWM9Q3	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
BWPGQU	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BXLQ8R	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BYC3EC	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
BZ4APZ	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
C33DUM	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

C6EYTP	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
C782CX	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
C7BZR7	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
CBHBYE	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
CBQJYF	PowerPlex® Fusion 6C Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
CC8GYK	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
CEPUVF	PowerPlex® Fusion 6C Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

CG7RW7	NGM SElect					
	14,14	19,23	11,13	15,16		
2		13,14	15,15	16,19		11,12
	15,16	14,14	30,31	15,15	X,Y	
	20,24			15,20	7,7	
	15,18					
CLZQ8U	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
CMC9LT	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	-
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	-	-	15,20	7,7	6,8
	15,18	10	-	-	2	
CP3X2L	GlobalFiler™, MiniFiler					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
CPKGXY	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
CQAFZG	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
CZHJXM	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

D2WTRD	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
D77R9K	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
DD3QJ8	GlobalFiler™ Express					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
DD6MYW	Investigator® 24plex GO!					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
DDH46H	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
DDP2T2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
DG896G	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

DHCK7	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
DM8A8B	Investigator® 24plex QS					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
DPYQJP	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
DQPYF8	Investigator® 24plex (STRmix)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
DQTMVQ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
DRK36V	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
DTX9CB	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

DUQGMV	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
DVKDZV	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
DVKM2L	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
DZDGM9	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
E24DZL	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
E28H9Q	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
E2LNCY	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

E73V6T	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EDWVER	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
EF46QW	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EG42J2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EGELRW	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EGL8MX	GlobalFiler™ (STRmix)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
EHYU6C	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

EJ69HJ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EK66BM	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ELVGJ8	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EMLKCE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
ERHDCP	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ERVFWX	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
ET3R9E	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

ETDRUN	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
ETTBEK	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
EU9DLT	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
EUY9QW	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
EWGPCV	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
EXBDVQ	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
EY2P8H	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

F4PG7X	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
F6LXDT	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
F884UY	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
F9J4QT	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
FA3C49	PowerPlex® Fusion 6C Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
FAZL6D	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
FDRU6D	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

FFZ632	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
FGCUBK	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
FGVNF	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
FHX23X	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
FM33YL	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
FMZ63P	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
FQJGJK	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

FRCT3L	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
FT9R8T	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
FT9UYH	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
FUHYC7	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
FX4CKP	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
FYGJUR	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
G2WFT3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

G4M7R7	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
G7WZYR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
G8QQ3L	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
G8YT7Q	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	NT
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	NT	NT	15,20	7,7	6,8
	15,18	10	NT	NT	2	
G9XGK2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
G9YNVN	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
GAU6B7	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					

TABLE 2

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

Item 2 - STR Results

GL737E	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
GTKKAT	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
GTLLMT	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
GTPVCR	Investigator® 24plex GO!					
	14,14	19,23	11,13	15,16	11,13	N/A
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	N/A	N/A	15,20	7,7	6,8
	15,18	10	N/A	N/A	N/A	
GVUDKV	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
GY926R	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
GYXK6D	GlobalFiler™ (STRmix)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

H3BMM4	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
H6FCPC	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
H78FCR	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
H8XBQ8	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
H9XMRM	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
HCR8BR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
HCT9QC	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

HCVNUJ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
HD4M6T	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
HE6Y4M	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
HEF8J2	Investigator® 24plex GO!					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
HH24GM	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
HKRY87	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
HL269N	NGM SElect					
	14,14	19,23	11,13	15,16		
2		13,14	13,15	16,19		11,12
	15,16	14,14.2	30,31	15,15	X,Y	
	20,24			15,20	7,7	
	15,18					

TABLE 2

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

Item 2 - STR Results

HMD6MQ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
HP4UXC	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
HPXTPV	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
HTK7R8	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
HUGJT8	PowerPlex® Fusion 6C Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
HUUR9F	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
HV7PHQ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

HY3BAT	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
J2BHE8	GlobalFiler™ (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
J3Z32Q	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
J4U6XY	PowerPlex® Fusion5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
J9RCBP	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
JDJUW9	Investigator® 24plex GO!					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
JEU88H	Investigator® 24plex QS					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

JEXRYR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
JGH6T9	Investigator® 24plex QS					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
JJT6XF	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
JKJ27N	Identifiler®, Investigator® 24plex QS					
	14,14	19,23	11,13	15,16	11,13	n/a
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	n/a	n/a	15,20	7,7	6,8
	15,18	10	n/a	n/a	n/a	
JLFPYD	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
JLL627	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
JPVTF3	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

JRLM2Q	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
JTUTK7	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
JTVLQ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
JU92PZ	Identifiler® Id+					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					
JZWJA3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
JZXBQ6	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	-	-	15,20	7	6,8
	15,18	10	-	-	2	
K2BEHG	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

K2JEWG	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
K2N6CT	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
K6BPDG	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
K7G4QN	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
K9944R	GlobalFiler™ (STRmix)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
KC4UBX	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
KC7L8K	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

KHEXAD	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
KJPZUQ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
KLX7FR	PowerPlex® 23					
2						
KNPZK9	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
KQMR47	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
KRD3QR	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
KRXJ7U	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

KTDBBR	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
KYE62K	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
KYKDC	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
L7PAAP	GlobalFiler™ PCR Amplification kit (GeneMapper™ ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
L88TGM	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
L9KCGK	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
L9WMXJ	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

LBARVL	PowerPlex® Fusion 6C Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
LDW3X9	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
LEBMQH	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
LEUGJ6	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
LEUJ3H	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
LG4GK7	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
LK2W2G	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

LKD8JZ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	NT
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	NT	NT	15,20	7	6,8
	15,18	10	NT	NT	2	
LLR636	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
LNXM68	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
LQ3BLH	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
LQJYUJ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
LRDBMH	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
LT7HUV	PowerPlex® Fusion					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

LTRAMG	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
LX3RV3	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
LXLGJN	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
M2GPZ4	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
M2VTEB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
M3LYTF	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
M43G6E	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

M4622V	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
MCDCWL	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
MDA9GV	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
MFG46M	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
MJYNA9	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
MKQ4MK	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
MM4A7L	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

MN64DJ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
MQZU8J	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
MTNJF4	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
MW9HLK	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
MXGE9B	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
N34T3A	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
N34VRE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

N3RXTF	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
N437YX	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	--
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17	--	
N68LXU	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
N8H9W8	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
N8HE3U	GlobalFiler™, Argus X-12					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
N8NME3	PowerPlex® 21					
	14,14	19,23		15,16	11,13	13,17
2	11,12	13,14		16,19	11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18					
NA9483	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

NBNMN8	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
NFB9YL	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
NFDBWX	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
NHYMNV	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
NNN3C3	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
NPKUQF	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
NPZD9R	GlobalFiler™ Direct, Argus X-12					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

NQQ3BE	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
NQYJPL	Investigator® 24plex GO!					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
NRKQTA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
NT2BQ8	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
NUEFEQ	VeriFiler Plus					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18				2	
NXZVPP	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
NZ26WF	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

NZFRAN	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
NZJWKB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
P2DVHA	FlexPlex					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24		7,10	15,20	7	6,8
	15,18	10	17	17		
P36E7N	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
P3NX9F	GlobalFiler™ (STRmix)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
P7KURA	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
P8U4HL	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

P99RBE	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
P9ANLA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
PA3A22	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
PGJHRJ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
PJ8HZT	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
PJB6DZ	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
PJQBTP	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

PK38ZF	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
PKN9ZJ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
PMLW9E	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
PQQT7G	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
PUCZMC	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
PV2HDB	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
PV43AR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

PWE8JA	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
PX6DWE	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
PZGDAT	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
PZGEDZ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
Q2RE9Y	PowerPlex® 21					
	14,14	19,23		15,16	11,13	13,17
2	11,12	13,14		16,19	11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18					
Q3F6Y6	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
Q67PTB	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

Q7M94E	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
Q7ZNVG	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
QBDWAK	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QFCYNL	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QFQMJL	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QGEBT2	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
QGFH6N	Verifiler Plus					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18				2	

TABLE 2

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

Item 2 - STR Results

QGGDNU	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QGW4MJ	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
QK7ZLU	GlobalFiler™ Direct, ArgusX					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QLX49A	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QQ8JFD	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QR3TWA	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
QXLPFJ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

R6LG8E	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
R7XTRG	PowerPlex® Fusion 6c					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
RBM9GN	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
REAV4A	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
RGTGQK	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
RGXQQX	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
RHPUDD	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

RLMVB7	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
RLTH2F	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
RRT2XJ	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
RRUH92	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
RVWAL9	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
RYXF2E	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
T22WVH	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

T2YPN2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
T3RPFK	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
T4M9GL	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
T6ZVY2	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
T7BF7P	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
T7UJHW	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
T9YLDM	Verifiler Plus					
	14	19,23	11,13	15,16	11,13	13,17
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	NT	7	6,8
	15,18	NT	NT	NT	2	

TABLE 2

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

Item 2 - STR Results

TAURNR	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
TB6MGB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
TBM2ZW	Identifiler®, PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
TDADJK	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
TDEGCB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
TE6PAT	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
TEHEEQ	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					

TABLE 2

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

Item 2 - STR Results

TELBXW	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
TKFRMA	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
TNTGZR	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					
TPNTAK	PowerPlex® 21					
	14	19,23		15,16	11,13	13,17
2	11,12	13,14		16,19	11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18					
TQKKJQ	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
TTMHZK	Investigator® 24plex					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
TZ2Z3E	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

U2QJMC	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
U2U9RA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
U4YW6D	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
U6TKNA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
U6YBXJ	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
U74FD8	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
U7BVZ2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

U7PLLQ	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
UCBV2A	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
UEXMWD	Identifiler®, Investigator® 24plex GO! & QS, 27 FlexPlex					
	14,14	19,23	11,13	15,16	11,13	INC
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	N/A	INC	15,20	7,7	6,8
	15,18	10	INC	INC	N/A	
UFZN8R	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
UK44JF	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
UMCKE6	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
UNPVRC	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

UPGCZ6	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
UR86NG	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
UUVKDQ	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7	6,8
	15,18					
UV27J4	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
UWADJW	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
UY76AG	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
V2T6VH	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

V4GT6X	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
V72YQ9	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
V7ZU4Q	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
V99394	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
VBWQ3C	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
VC4QRW	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
VCUH9C	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

VDZAU	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
VEJUYY	Identifiler® ID+, PowerPlex® Fusion 6C, MiniFiler					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
VJC42G	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
VJCV6P	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					
VMYF7D	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
VTL9CL	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
VUT6LB	Investigator® 24plex QS, GO!, FlexPlex27					
	14,14	19,23	11,13	15,16	11,13	N/A
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	N/A	7,10	15,20	7,7	6,8
	15,18	10	N/A	N/A	N/A	

TABLE 2

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

Item 2 - STR Results

VUUKTM	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
VWMDN	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
VXNZ3P	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
VXYC7	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
W24MZ8	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
W93KX7	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
WCTX3N	GlobalFiler™ Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

WGZ8QQ	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
WHFUM6	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
WJ4DGB	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
WJMTF8	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
WMQ6EY	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
WQ7FR4	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
WTP4UA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

WU8HDX	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
WUPPGU	Investigator® 24plex QS					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10				
WUQCA2	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
WUR4JV	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
WXBN77	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
WXMZPN	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
WZCE26	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

X3DXM4	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
X4TVF3	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
X66BBB	Investigator® 24plex QS					
	14,14	19,23	11,13	15,16	11,13	N/A
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	N/A	N/A	15,20	7,7	6,8
	15,18	10	N/A	N/A	N/A	
X6ZZ9C	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
XB9KV3	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
XE93KH	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
XEQXGC	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

XHCWU	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
XMJ9PL	GlobalFiler™, Direct					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
XTA83B	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
XU3X9P	PowerPlex® Fusion5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				
XUEW2D	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
XUJANA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
XVRWB8	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		

TABLE 2

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

Item 2 - STR Results

XZBEN6	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
Y2394R	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
Y4KY4P	Investigator® 24plex QS					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10				
Y6V7HW	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
Y6WEC2	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
Y97B9R	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
YCLRFB	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

YE39HM	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
YE974K	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
YG72CL	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
YGPD78	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
YKWU2C	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
YL3ZXR	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
YMC8YY	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	

TABLE 2

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

Item 2 - STR Results

YMGWEB	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
YMZTNP	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
YNCB4N	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
YR9YKV	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
YVQGJR	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
YVRNR9	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
YWK63M	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

Z2BDQ9	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
Z3NDZ3	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
Z3P8TA	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ZCZAEA	GlobalFiler™ Express					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ZEKB9W	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ZEYBWD	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ZFHMRH	PowerPlex® Fusion 5C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				

TABLE 2

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

Item 2 - STR Results

ZGN6NT	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
ZH2WGA	GlobalFiler™					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24			15,20	7,7	6,8
	15,18	10			2	
ZHHT8N	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
ZKNGKT	PowerPlex® Fusion 6C					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7	6,8
	15,18	10	17	17		
ZKX2PP	PowerPlex® 21					
	14,14	19,23		15,16	11,13	13,17
2	11,12	13,14		16,19	11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18					
ZMUDZA	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ZPHRPK	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7	6,8
	15,18					

TABLE 2

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

Item 2 - STR Results

ZR9GXX	Identifiler® Plus					
		19,23		15,16	11,13	
2	11,12	13,14			11,11	11,12
	15,16	14,14.2	30,31		X,Y	11,12
	20,24				7,7	6,8
	15,18					
ZTJX26	PowerPlex® Fusion (TrueAllele)					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
ZUCCLU	PowerPlex® Fusion 6C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10	15,20	7,7	6,8
	15,18	10	17	17		
ZV6Z4P	PowerPlex® Fusion					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24	2.2,10	7,10		7	6,8
	15,18	10				
ZXJDYD	GlobalFiler™					
	14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11	11,12
	15,16	14,14.2	30,31	15	X,Y	11,12
	20,24			15,20	7	6,8
	15,18	10			2	
ZXVBVH	PowerPlex® Fusion 5C					
	14,14	19,23	11,13	15,16	11,13	
2	11,12	13,14	13,15	16,19	11,11	11,12
	15,16	14,14.2	30,31	15,15	X,Y	11,12
	20,24	2.2,10	7,10		7,7	6,8
	15,18	10				

TABLE 2

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

Item 3 - STR Results

266P4K	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
2743Z7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
28WTQZ	Identifiler®, NGM					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11,11
	24,28				7,9	9,10
	16,19					
2BFK79	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2BWDVQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2CYRXQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2ETHDV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

2GMAMG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2HVP8M	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NSD			NSD	
2JMKEB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2JUHW2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2K2E9A	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2KJZM2	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
2KZHZZ	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

2LV3Q7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
2LWVMT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2M8ECB	Investigator® 24plex					
	14.3,17.3	19,19	13.3,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2NLTPC	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
2PW24J	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
2QALZZ	GlobalFiler™ (STRmix)					
	13.3,14.3,16.3,17.3	18,19	14	13,16,17	10,11,12	
3	9,10	13,14,15,16	11,12,13	16,17,19	10,11,12	10,11
	15,16,18,19	12,13	27,28,29,30	11,16,17	X	10,11
	24,28			25.2,26.2,27.2	7,9	9,10
	16,18,19					
2TU292	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

2TXLZB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
2Y4D8N	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2ZDK9V	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
2ZVGU3	GlobalFiler™ PCR Amplification Kit					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
33ZZD2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
38XE3C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
39JQG4	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	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

3A4PDU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3AKQ9A	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3D4URZ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3DWTXL	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3LBWQ7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3LUMUY	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
3M233Q	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

3MATKB	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
3MP9K6	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
3NWFUP	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
3QAWHN	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
3RV2EZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
3RZQVE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
3U79TA	NGM SElect					
	14.3,17.3	19,19	14,14	13,17		
3		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X,X	
	24,28			26.2,27.2	7,9	
	16,19					

TABLE 2

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

Item 3 - STR Results

43CDGK	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
44BZE3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
44NKT7	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
44UYDL	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
47VZZC	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
4DEAJ8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4DRWNE	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

4E7D7M	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4HAKG8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4JYE82	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
4LNPZE	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4PB38X	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4RFTA7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4RRDH2	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	NT
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	NT	NT	26.2,27.2	7,9	9,10
	16,19	NR	NT	NT	NR	

TABLE 2

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

Item 3 - STR Results

4T8XLQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4TAGT2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
4VEDVH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4VJECB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4VU374	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
4VYRLF	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
4WNTCJ	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

4YDPQG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
63V63U	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
64NTLQ	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
67CHP4	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6AQJ3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
6AQN2Y	GlobalFiler™ (STRmix v2.4)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	No result			No result	
6CG97N	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

6CYR32	Identifiler®, Investigator® 24plex QS, 27 Flex plex					
	14.3,17.3	19,19	14,14	13,17	11,12	INC
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	INC	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
6EM6M6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
6JVQB3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
6JXNUQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6KC9PM	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
6KUBFV	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NID	NID	NID		
6MWYDR	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

6P8JL2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6PQW8X	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
6QUN6D	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
6RA3JE	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
6UP4YM	PowerPlex® Fusion 6C (STRMIX)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
6VAVB7	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
6VUY2D	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

6W6PEN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
72DWCZ	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
72U798	PowerPlex® Fusion 6c					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	-	-	-		
76UZY3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
77Q9FY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7BGWHX	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7CCRD3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 3 - STR Results

7DNJ7J	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7DQM83	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7JDKGB	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
7JVVGX	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
7NTVWZ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	NR
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	NR	NR	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR	NR	
7PH7PE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7QTB2G	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

7RDQQK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7TFPPR	Investigator® 24plex (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7TYVMW	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
7VMZNF	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
7XCE9J	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7XVFL	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
7YCF64	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

7Z6DDA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7ZEGUE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
7ZM9WW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
86GG6X	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
88FULV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
8DKVK4	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8EEDUR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

8FFAC3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
8G89Q2	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8HKWYF	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
8HUMN6	Identifiler® Plus (Genotyper 3.7)					
		19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11
	24,28				7,9	9,10
	16,19					
8HXZF8	VeriFiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19				ND	
8HZB7P	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8KK9C8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

8M8BET	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8MVVK8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
8NME6E	Identifiler® Plus					
		19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X	11
	24,28				7,9	9,10
	16,19					
8PYE29	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	INC				
8Y3YBA	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
8ZWCN9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
924HW9	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

92ZWZR	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
93VHRX	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
94C847	PowerPlex® Fusion, 21, Verifiler Express					
	14.3,17.3	19	14	13,17	11,12	11,12
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
96Z9WR	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
99NFP2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9CNL7T	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
9EDPLZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 3 - STR Results

9EZCJ4	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
9F99M2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
9FNCF9	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	INC				
9HALFE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9JN4JJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9KEE67	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9LBMKG	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

9ML2WC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9VFWPL	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
9VLVC6	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
9WGDE7	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
9XKWU8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
9ZUEZB	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
A2X222	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 3 - STR Results

A62663						
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
A7X722 GlobalFiler™						
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
A93CE8 GlobalFiler™						
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AB7Y2J GlobalFiler™						
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ABNRH3 GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X Software v1.6)						
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
ACHRZR GlobalFiler™						
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
ACZMJE GlobalFiler™						
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

AE9Z2G	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	--				
AGXBY2	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
AKFFZ6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ALBTQ4	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ALH4TU	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	neg.			neg.	
APUWBU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
APVULP	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

AQ77B2	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
AQKFWR	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	ND	ND	ND		
AQL69C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AUX8YE	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AX7ACX	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
AXWJUE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
B3VMET	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

B4ACXQ	GlobalFiler™ (STRmix 2.8)					
	14,3,16,3,17,3	18,19	13,14	12,13,16,17	11,12	
3	9,10	13,14,15,16	12,13	16,17,19	11,12	10,11
	15,16,18,19	12,13	28,30	11,17	X	10,11
	23,24,28			25.2,26.2,27.2	7,9	9,10
	16,18,19					
B6GY7N	Investigator® 24plex QS					
	14,3,17,3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BFCM37	GlobalFiler™					
	14,3,17,3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BHL3J7	PowerPlex® Fusion 6C					
	14,3,17,3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BJYP2K	PowerPlex® Fusion 6C					
	14,3,17,3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BK9CLY	GlobalFiler™					
	14,3,17,3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
BKBFEV	GlobalFiler™					
	14,3,17,3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

BKTDJF	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
BL6CGA	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
BNBQBV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BRNKWU	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BRX6Y6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BT629V	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BUVCZM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

BWM9Q3	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
BWPGQU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BXLQ8R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BYC3EC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
BZ4APZ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
C33DUM	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
C6EYTP	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

C782CX	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
C7BZR7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
CBHBYE	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
CBQJYF	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
CC8GYK	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
CEPUVF	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
CG7RW7	NGM SElect					
	14.3,17.3	19,19	14,14	13,17		
3		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X,X	
	24,28			26.2,27.2	7,9	
	16,19					

TABLE 2

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

Item 3 - STR Results

CLZQ8U	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
CMC9LT	GlobalFiler™ (STRmix V 2.4.06)					
	14.3,17.3	19,19	14,14	13,17	11,12	-
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	-	-	26.2,27.2	7,9	9,10
	16,19	-	-	-	-	-
CP3X2L	GlobalFiler™, MiniFiler					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	Not Detected			Not Detected	
CPKGXY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
CQAFZG	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
CZHJXM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
D2WTRD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

D77R9K	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
DD3QJ8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
DD6MYW	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DDH46H	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
DDP2T2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DG896G	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DHCK7	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

DM8A8B	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DPYQJP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DQPYF8	Investigator® 24plex (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DQTMVQ	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DRK36V	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
DTX9CB	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
DUQGMV	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	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

DVKDZV	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
DVKM2L	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
DZDGM9	Investigator® 24plex					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR				
E24DZL	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
E28H9Q	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
E2LNCY	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
E73V6T	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

EDWWER	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
EF46QW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EG42J2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EGELRW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
EGL8MX	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
EHYU6C	Investigator® 24plex					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	-				
EJ69HJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

EK66BM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ELVGJ8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EMLKCE	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ERHDCP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
ERVFWX	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
ET3R9E	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
ETDRUN	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

ETTBEK	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
EU9DLT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
EUY9QW	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
EWGPCV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
EXBDVQ	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
EY2P8H	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
F4PG7X	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

F6LXDT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
F884UY	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
F9J4QT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
FA3C49	PowerPlex® Fusion 6C (STRMix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
FAZL6D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FDRU6D	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FFZ632	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

FGCUBK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28,29			26.2,27.2	7,9	9,10
	16,19					
FGVNF	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FHX23X	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
FM33YL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FMZ63P	GlobalFiler™ (STRmix v.2.4.06)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
FQJGJK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FRCT3L	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

FT9R8T	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
FT9UYH	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
FUHYC7	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FX4CKP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
FYGJUR	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
G2WFT3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
G4M7R7	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

G7WZYR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
G8QQ3L	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
G8YT7Q	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	NT
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	NT	NT	26.2,27.2	7,9	9,10
	16,19	NR	NT	NT	NR	
G9XGK2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
G9YNVN	PowerPlex® ESI16					
	14.3,17.3	19	14	13,17		
3		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X	
	24,28				7,9	
	16,19					
GAU6B7	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
GL737E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

GTKKAT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
GTLLMT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
GVUDKV	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
GY926R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
GYXK6D	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
H3BMM4	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
H6FCPC	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

H78FCR	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
H8XBQ8	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
H9XMRM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HCR8BR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
HCT9QC	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HCVNUJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HD4M6T	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 3 - STR Results

HE6Y4M	GlobalFiler™ (STRmix)					
	14.3,17.3	18,19	13,14	13,16,17	11,12	
3	9,10	14,15,16	12,13	17,19	10,11,12	10,11
	16,18,19	12,13	28,30	11,16,17	X	10,11
	23,24,27,28			25.2,26.2,27.2	7,9	9,10
	16,19					
HEF8J2	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HH24GM	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
HKRY87	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
HL269N	NGM SElect					
	14.3,17.3	19,19	14,14	13,17		
3		14,16	12,13	17,19		10,11
	16,19	12,13	28,30	11,17	X,X	
	24,28			26.2,27.2	7,9	
	16,19					
HMD6MQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
HP4UXC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

HPXTPV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HTK7R8	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
HUGJT8	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
HUUR9F	PowerPlex® Fusion, MiniFiler					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
HV7PHQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
HY3BAT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
J2BHE8	GlobalFiler™ (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

J3Z32Q	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
J4U6XY	PowerPlex® Fusion5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
J9RCBP	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
JDJUW9	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JEU88H	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JEXRYR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
JGH6T9	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

JJT6XF	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JKJ27N	Identifiler®, Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	n/a
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	n/a	n/a	26.2,27.2	7,9	9,10
	16,19	n/a	n/a	n/a	n/a	
JLFPYD	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
JLL627	Identifiler® Plus, MiniFiler					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
JPVTF3	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR		
JRLM2Q	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
JTUTK7	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

JTVLQ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
JU92PZ	Identifiler® Id+					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
JZWJA3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
JZXBQ6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	-	-	26.2,27.2	7,9	9,10
	16,19	-	-	-	-	
K2BEHG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
K2JEWG	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
K2N6CT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

K6BPDG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
K7G4QN	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
K9944R	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KC4UBX	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KC7L8K	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KHEXAD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KJPZUQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

KNPZK9	Identifiler® Plus, MiniFiler					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
KQMR47	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KRD3QR	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KRXJ7U	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
KTDBBR	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	-	-	-		
KYE62K	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
KYKDCT	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

L7PAAP	GlobalFiler™ PCR Amplification kit (GeneMapper™ ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
L88TGM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
L9KCGK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
L9WMXJ	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
LBARVL	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LDW3X9	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LEBMQH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	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

LEUGJ6	Identifiler® Plus, PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LEUJ3H	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
LG4GK7	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
LK2W2G	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LKD8JZ	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	NT
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NR	NR	NR	NT	
LLR636	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LNXM68	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

LQ3BLH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LQJYUJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LRDBMH	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LT7HUV	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X	11,11
	24,28				7,9	9,10
	16,19					
LTRAMG	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
LX3RV3	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
LXLGJN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

M2GPZ4	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
M2VTEB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
M3LYTF	GlobalFiler™ (STRmix v 2.4.06)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
M43G6E	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
M4622V	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MCDCWL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
MDA9GV	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

MFG46M	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
MJYNA9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
MKQ4MK	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MM4A7L	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
MN64DJ	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
MQZU8J	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
MTNJF4	PowerPlex® Fusion 6c (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

MW9HLK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
MXGE9B	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N34T3A	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N34VRE	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
N3RXTP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N437YX	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	--
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	--	--	26.2,27.2	7,9	9,10
	16,19	NR	--	--	NR	
N68LXU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

N8H9W8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	no result			no result	
N8HE3U	GlobalFiler™, MiniFiler, Argus X-12					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
N8NME3	PowerPlex® 21 (STRmix)					
	14.3,17.3	19,19		13,17	11,12	11,12
3	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NA9483	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NBNMN8	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NFB9YL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
NFDBWX	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

NHYMNV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NNN3C3	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NPKUQF	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
NPZD9R	GlobalFiler™, Argus X-12					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NQQ3BE	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NQYJPL	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NRKQTA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

NT2BQ8	GlobalFiler™ (STRmix 2.4)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	No results			No results	
NUEFEQ	VeriFiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19				ND	
NXZVPP	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
NZ26WF	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
NZFRAN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
NZJWKB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P2DVHA	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NID	NID	NID		

TABLE 2

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

Item 3 - STR Results

P36E7N	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P3NX9F	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P7KURA	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
P8U4HL	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
P99RBE	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
P9ANLA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PA3A22	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

PGJHRJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
PJ8HZT	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PJB6DZ	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PJQBTP	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PK38ZF	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
PKN9ZJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,[10]
	16,19	-			-	
PMLW9E	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	

TABLE 2

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

Item 3 - STR Results

PQQT7G	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
PUCZMC	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PV2HDB	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
PV43AR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NM			NM	
PWE8JA	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
PX6DWE	GlobalFiler™ (STRmix v2.4.06)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	no result			no result	
PZGDAT	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

PZGEDZ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Q2RE9Y	PowerPlex® 21					
	14.3,17.3	19,19		13,17	11,12	11,12
3	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
Q32T8R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Q3F6Y6	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
Q67PTB	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
Q7M94E	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Q7ZNVG	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 3 - STR Results

QBDWAK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QFCYNL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QFQMJL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QGEBT2	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
QGFH6N	Verifiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19				ND	
QGGDNU	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QGW4MJ	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

QK7ZLU	GlobalFiler™, MiniFiler, ArgusX					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QLX49A	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
QQ8JFD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	N/A			N/A	
QR3TWA	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	NID	NID	NID		
QXLPFJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
QY2HBT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
R6LG8E	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	

TABLE 2

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

Item 3 - STR Results

R7XTRG	PowerPlex® Fusion 6c					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
RBM9GN	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
REAV4A	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
RGTGQK	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
RGXQQX	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RHPUDD	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	0	0	0		
RLMVB7	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

RLTH2F	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
RRT2XJ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
RRUH92	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RVWAL9	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
RYXF2E	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
T22WVH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
T2YPN2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

T3RPFK	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T4M9GL	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T6ZVY2	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
T7BF7P	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
T7UJHW	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
T9YLDM	Verifiler Plus					
	14.3,17.3	19	14	13,17	11,12	11,12
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	NT	7,9	9,10
	16,19	NT	NT	NT	ND	
TAURNR	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

TB6MGB	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
TBMZ2W	Identifiler®, PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
TDADJK	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TDEGCB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TE6PAT	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TEHEEQ	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
TELBXW	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

TKFRMA	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19	ND	ND	ND		
TNTGZR	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
TPNTAK	PowerPlex® 21					
	14.3,17.3	19		13,17	11,12	11,12
3	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
TQKKJQ	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TTMHZK	Investigator® 24plex					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
TZ2Z3E	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
U2QJMC	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

U2U9RA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
U4YW6D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
U6TKNA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
U6YBXJ	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
U74FD8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
U7BVZ2	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
U7PLLQ	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

UCBV2A	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
UEXMWD	Identifiler®, Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	N/A
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	N/A	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
UFZN8R	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
UK44JF	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
UMCKE6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
UNPVRC	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
UPGCZ6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

UR86NG	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
UUVKDQ	Identifiler® Plus					
		19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11
	24,28				7,9	9,10
	16,19					
UV27J4	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19	NR				
UWADJW	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
UY76AG	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
V2T6VH	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
V4GT6X	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

V72YQ9	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
V7ZU4Q	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
V99394	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
VBWQ3C	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
VC4QRW	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VCUH9C	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
VDZAUx	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

VEJUYY	Identifiler® ID+, PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
VJC42G	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VJCV6P	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
VMYF7D	GlobalFiler™ (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VTL9CL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VUT6LB	Identifiler®, Investigator® 24plex QS, FlexPlex27					
	14.3,17.3	19,19	14,14	13,17	11,12	N/A
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	N/A	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
VUUKTM	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

VMXDN	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VXNZ3P	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
VXTYC7	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
W24MZ8	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	No Result			No Result	
W93KX7	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
WCTX3N	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WGZ8QQ	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

WHFUM6	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
WJ4DGB	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
WJMTF8	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
WMQ6EY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WQ7FR4	Investigator® 24plex QS (STRmix v2.6.3)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WTP4UA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
WU8HDX	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

WUPPGU	Investigator® 24plex QS					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WUQCA2	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
WUR4JV	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WXBN77	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
WXMZPN	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
WZCE26	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
X3DXM4	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

X4TVF3	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
X66BBB	Investigator® 24plex QS					
	14.3,17.3	19,19	14,14	13,17	11,12	N/A
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	N/A	N/A	26.2,27.2	7,9	9,10
	16,19	N/A	N/A	N/A	N/A	
X6ZZ9C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XB9KV3	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
XE93KH	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
XEQXGC	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
XHCWU	PowerPlex® Fusion 6C (STRmix)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

XMJ9PL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
XTA83B	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XU3X9P	PowerPlex® Fusion5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
XUEW2D	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XUJANA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
XVRWB8	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
XZBEN6	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

Y2394R	Identifiler® Plus, PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
Y4KY4P	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
Y6V7HW	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	no results			no results	
Y6WEC2	GlobalFiler™ (STRmix)					
	14.3,17.3	18,19	13,14	13,17	11,12	
3	9,10	14,15,16	12,13	17,19	11,12	10,11
	15,16,18,19	12,13	28,30	11,17	X	11
	23,24,27,28			25.2,26.2,27.2	7,9	9,10
	16,19					
Y97B9R	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YCLRFB	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YE39HM	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

YG72CL	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YGPD78	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	-			-	
YKWU2C	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YL3ZXR	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YMC8YY	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YMGWEB	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
YMZTNP	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

YNCB4N	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YR9YKV	GlobalFiler™ (STRmix)					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					
YVQGJR	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
YVRNR9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
YWK63M	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
Z2BDQ9	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
Z3NDZ3	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19	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

Z3P8TA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZCZAEA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZEKB9W	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZEYBWD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19					
ZFHMRH	PowerPlex® Fusion 5C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ZGN6NT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZH2WGA	GlobalFiler™					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28			26.2,27.2	7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

ZHHT8N	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZKNGKT	PowerPlex® Fusion 6C					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZKX2PP	PowerPlex® 21					
	14.3,17.3	19,19		13,17	11,12	11,12
3	9,10	14,16		17,19	11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ZMUDZA	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	ND			ND	
ZPHRPK	Identifiler® Plus					
		19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11
	24,28				7,9	9,10
	16,19					
ZR9GXX	Identifiler® Plus					
		19,19		13,17	11,12	
3	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					
ZTJX26	PowerPlex® Fusion (TrueAllele)					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

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

Item 3 - STR Results

ZUCCLU	PowerPlex® Fusion 6C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21	26.2,27.2	7,9	9,10
	16,19					
ZV6Z4P	PowerPlex® Fusion					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28	10,11	8,21		7,9	9,10
	16,19					
ZXJDYD	GlobalFiler™					
	14.3,17.3	19	14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X	11
	24,28			26.2,27.2	7,9	9,10
	16,19	NR			NR	
ZXVBVH	PowerPlex® Fusion 5C					
	14.3,17.3	19,19	14,14	13,17	11,12	
3	9,10	14,16	12,13	17,19	11,12	10,11
	16,19	12,13	28,30	11,17	X,X	11,11
	24,28	10,11	8,21		7,9	9,10
	16,19					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	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

AUX6AA	Identifiler®					
		19,19		13,17	11,12	
3e	9,10	14,16			11,12	10,11
	16,19	12,13	28,30		X,X	11,11
	24,28				7,9	9,10
	16,19					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	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

AUX6AA	Identifiler®				
		-		-	-
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

266P4K	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2743Z7	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
28WTQZ	Identifiler®, NGM					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22				6,8	12,12
	15,15					
2BFK79	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2BWDVQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2CYRXQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2ETHDV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

2GMAMG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2HVP8M	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
2JMKEB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2JUHW2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
2K2E9A	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
2KJZM2	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				
2KZHZZ	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

2LV3Q7	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
2LWVMT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
2M8ECB	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	16,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
2NLTPC	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
2PW24J	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
2QALZZ	GlobalFiler™ (STRmix)					
	15,16,17.3	17,18	10,11	15,16,17	11,12,13	
4	8,11,12	10,12,13	13,14	15,16	8,12,13	11,12
	13,14,19,20	13,14	28,29,29.2,30.2	14,15,16	X,Y	10,11
	19,20,21,22			16,17,18,19	6,8	12
	14,15	10			2	
2TU292	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				

TABLE 2

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

Item 4 - STR Results

2TXLZB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
2Y4D8N	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
2ZDK9V	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
2ZVGU3	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
33ZZD2	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
38XE3C	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
39JQG4	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

3A4PDU	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
3AKQ9A	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
3D4URZ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
3DWTXL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
3LBWQ7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
3LUMUY	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
3M233Q	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

3MATKB	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
3MP9K6	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
3NWFUP	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
3QAWHN	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
3RV2EZ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
3RZQVE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
3U79TA	NGM SElect					
	16,17.3	17,18	10,11	16,17		
4		10,13	14,14	16,16		12,12
	14,20	13,14	29,30.2	15,16	X,Y	
	20,22			17,19	6,8	
	15,15					

TABLE 2

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

Item 4 - STR Results

43CDGK	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
44BZE3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
44NKT7	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
44UYDL	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
47VZZC	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
4DEAJ8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4DRWNE	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				

TABLE 2

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

Item 4 - STR Results

4E7D7M	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4HAKG8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
4JYE82	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4LNPZE	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
4PB38X	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4RFTA7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4RRDH2	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	NT
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	NT	NT	17,19	6,8	12,12
	15,15	10	NT	NT	2	

TABLE 2

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

Item 4 - STR Results

4T8XLQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
4TAGT2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4VEDVH	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4VJECB	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4VU374	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
4VYRLF	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
4WNTCJ	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

4YDPQG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
63V63U	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
64NTLQ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
67CHP4	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
6AQV3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
6AQN2Y	GlobalFiler™ (STRmix v2.4)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
6CG97N	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		

TABLE 2

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

Item 4 - STR Results

6CYR32	Identifiler®, Investigator® 24plex QS, 27 Flex plex					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	N/A	INC	17,19	6,8	12,12
	15,15	10	18	20	N/A	
6EM6M6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
6JVQB3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
6JXNUQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
6KC9PM	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
6KUBFV	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
6MWYDR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

6P8JL2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
6PQW8X	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
6QUN6D	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
6RA3JE	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
6UP4YM	PowerPlex® Fusion 6C (STRMIX)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
6VAVB7	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
6VUY2D	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		

TABLE 2

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

Item 4 - STR Results

6W6PEN	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
72DWCZ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
72U798	PowerPlex® Fusion 6c					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
76UZY3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
77Q9FY	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
7BGWHX	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
7CCRD3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

7DNJ7J	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
7DQM83	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
7JDKGB	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
7JVVGX	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
7NTVWZ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	NR
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	NR	NR	17,19	6,8	12
	15	10	NR	NR	2	
7PH7PE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
7QTB2G	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

7RDQQK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
7TFPPR	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
7TYVMW	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
7VMZNF	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
7XCE9J	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
7XVFL	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
7YCF64	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

7Z6DDA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
7ZEGUE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
7ZM9WW	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
86GG6X	GlobalFiler™ (STRmix)					
	15,16,16.3,17.3,Q	16,17,18,Q	10,11,Q	15,16,17,Q	11,12,13,Q	
4	8,11,12,Q	9,10,12,13,Q	13,14,Q	15,16,Q	8,13,Q	11,12,Q
	13,14,19,20,Q	13,14,Q	29,30.2,Q	14,15,16,Q	X,Y	10,11,Q
	20,21,22,Q			16,17,18,19,Q	6,8,Q	11,12,Q
	14,15,Q	10			2	
88FULV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
8DKVK4	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
8EEDUR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

8FFAC3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
8G89Q2	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
8HKWYF	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
8HUMN6	Identifiler® Plus (Genotyper 3.7)					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12
	14,20	13,14	29,30.2		X,Y	11
	20,22				6,8	12
	15					
8HXZF8	VeriFiler Plus					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15				2	
8HZB7P	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
8KK9C8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

8M8BET	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
8MVVK8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
8NME6E	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12
	14,20	13,14	29,30.2		X,Y	11
	20,22				6,8	12
	15					
8PYE29	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	INC				
8Y3YBA	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
8ZWCN9	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
924HW9	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

92ZWZR	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
93VHRX	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
94C847	PowerPlex® Fusion, 21, Verifiler Express					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10			2	
96Z9WR	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
99NFP2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9CNL7T	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9EDPLZ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

9EZCJ4	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
9F99M2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
9FNCF9	PowerPlex® Fusion 5C (STRmix v 2.7)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	INC				
9HALFE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	11
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9JN4JJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9KEE67	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
9LBMKG	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

9ML2WC	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9VFWPL	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
9VLVC6	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
9WGDE7	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9XKWU8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
9ZUEZB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
A2X222	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

A62663	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
A7X722	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
A93CE8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
AB7Y2J	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
ABNRH3	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X Software v1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
ACHRZR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ACZMJE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

AE9Z2G	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
AGXBY2	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
AKFFZ6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ALBTQ4	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
ALH4TU	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
APUWBU	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
APVULP	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

AQ77B2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
AQKFWR	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
AQL69C	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
AUX8YE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
AX7ACX	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
AXWJUE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
B3VMET	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

B4ACXQ	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3,17.3	17,18	10,11	15,16,17	11,12,13	
4	8,11,12	9,10,12,13	13,14	15,16	8,12,13	11,12
	13,14,19,20	12,13,14	28,29,30.2	14,15,16	X,Y	10,11
	19,20,21,22			16,17,18,19	6,8	12
	14,15	10			2	
B6GY7N	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
BFCM37	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BHL3J7	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
BJYP2K	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
BK9CLY	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BKBFEV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

BKTDJF	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
BL6CGA	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
BNBQBV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BRNKWU	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
BRX6Y6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BT629V	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
BUVCZM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

BWM9Q3	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
BWPGQU	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BXLQ8R	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BYC3EC	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
BZ4APZ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
C33DUM	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
C6EYTP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

C782CX	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
C7BZR7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
CBHBYE	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
CBQJYF	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
CC8GYK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
CEPUVF	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
CG7RW7	NGM SElect					
	16,17.3	17,18	10,11	16,17		
4		10,13	14,14	16,16		12,12
	14,20	13,14	29,30.2	15,16	X,Y	
	20,22			17,19	6,8	
	15,15					

TABLE 2

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

Item 4 - STR Results

CLZQ8U	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
CMC9LT	GlobalFiler™ (STRmix V 2.4.06)					
	16,17.3	17,18	10,11	16,17	12,13	-
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	-	-	17,19	6,8	12,12
	15,15	10	-	-	2	
CP3X2L	GlobalFiler™, MiniFiler					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
CPKGXY	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
CQAFZG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
CZHJXM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
D2WTRD	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

D77R9K	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
DD3QJ8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DD6MYW	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
DDH46H	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
DDP2T2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
DG896G	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
DHCK7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

DM8A8B	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DPYQJP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
DQPYF8	Investigator® 24plex (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
DQTMVQ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DRK36V	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DTX9CB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DUQGMV	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

DVKDZV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DVKM2L	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
DZDGM9	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
E24DZL	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
E28H9Q	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
E2LNCY	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
E73V6T	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

EDWWER	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
EF46QW	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
EG42J2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
EGELRW	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
EGL8MX	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
EHYU6C	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
EJ69HJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

EK66BM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ELVGJ8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
EMLKCE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
ERHDCP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ERVFWX	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
ET3R9E	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
ETDRUN	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

ETTBEK	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
EU9DLT	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
EUY9QW	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
EWGPCV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
EXBDVQ	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
EY2P8H	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
F4PG7X	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

F6LXDT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
F884UY	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
F9J4QT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,[22]			17,19	6,8	12,12
	15,15	10			2	
FA3C49	PowerPlex® Fusion 6C (STRMix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
FAZL6D	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
FDRU6D	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
FFZ632	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

FGCUBK	GlobalFiler™ (STRmix)					
	15,16,16.3,17.3	17,18	10,11	15,16,17	11,12,13	
4	8,11,12	9,10,12,13	13,14	15,16	8,12,13	11,12
	13,14,19,20	13,14	28,29,29.2,30.2	14,15,16,17	X,Y	10,11
	19,20,21,22			16,17,18,19	6,8	12
	14,15	10			2	
FGVNF	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
FHX23X	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
FM33YL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
FMZ63P	GlobalFiler™ (STRmix v.2.4.06)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
FQJGJK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
FRCT3L	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				

TABLE 2

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

Item 4 - STR Results

FT9R8T	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
FT9UYH	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
FUHYC7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
FX4CKP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
FYGJUR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
G2WFT3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
G4M7R7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

G7WZYR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
G8QQ3L	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
G8YT7Q	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	NT
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	NT	NT	17,19	6,8	12,12
	15,15	10	NT	NT	2	
G9XGK2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
G9YNVN	PowerPlex® ESI16					
	16,17.3	17,18	10,11	16,17		
4		10,13	14	16		12
	14,20	13,14	29,30.2	15,16	X,Y	
	20,22				6,8	
	15					
GAU6B7	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
GL737E	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

GTTKAT		GlobalFiler™					
4	[16],[17.3]	17,18	10,11	16,17	[12],[13]		
	[8],[12]	10,13	[14]	16	8,[13]	12	
	[14],[20]	13,14	[29],30.2	15,16	X,[Y]	11	
	20,22			[17],[19]	6,8	12	
	15	10			[2]		
GTLTMT		PowerPlex® Fusion 6C					
4	16,17.3	17,18	10,11	16,17	12,13		
	8,12	10,13	14	16	8,13	12	
	14,20	13,14	29,30.2	15,16	X,Y	11	
	20,22	9,10	7,17	17,19	6,8	12	
	15	10	18	20			
GTPVCR		Flex Plex 27					
4	16,17.3	17,18	10,11	16,17	12,13	N/A	
	8,12	N/A	N/A	N/A	8,13	N/A	
	14,20	13,14	29,30.2	15,16	X,Y	N/A	
	N/A	N/A	N/A	N/A	6,8	N/A	
	N/A	10	N/A	N/A	N/A		
GVUDKV		GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
4	16,17.3	17,18	10,11	16,17	12,13		
	8,12	10,13	14,14	16,16	8,13	12,12	
	14,20	13,14	29,30.2	15,16	X,Y	11,11	
	20,22			17,19	6,8	12,12	
	15,15	10			2		
GY926R		GlobalFiler™					
4	16,17.3	17,18	10,11	16,17	12,13		
	8,12	10,13	14	16	8,13	12	
	14,20	13,14	29,30.2	15,16	X,Y	11	
	20,22			17,19	6,8	12	
	15	10			2		
GYXK6D		GlobalFiler™ (STRmix)					
4	16,17.3	17,18	10,11	16,17	12,13		
	8,12	10,13	14	16	8,13	12	
	14,20	13,14	29,30.2	15,16	X,Y	11	
	20,22			17,19	6,8	12	
	15	10			2		
H3BMM4		PowerPlex® Fusion 5C					
4	16,17.3	17,18	10,11	16,17	12,13		
	8,12	10,13	14	16	8,13	12	
	14,20	13,14	29,30.2	15,16	X,Y	11	
	20,22	9,10	7,17		6,8	12	
	15	10					

TABLE 2

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

Item 4 - STR Results

H6FCPC	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
H78FCR	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
H8XBQ8	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
H9XMRM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
HCR8BR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
HCT9QC	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
HCVNUJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

HD4M6T	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
HE6Y4M	GlobalFiler™ (STRmix)					
	15,16,17.3	17,18	10,11	15,16,17	12,13	
4	8,12	10,13	13,14	15,16	8,12,13	11,12
	14,19,20	13,14	29,30.2	15,16	X,Y	11
	19,20,21,22			16,17,18,19	6,8	12
	14,15	10			2	
HEF8J2	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
HH24GM	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
HKRY87	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
HL269N	NGM SElect					
	16,17.3	17,18	10,11	16,17		
4		10,13	14,14	16,16		12,12
	14,20	13,14	29,30.2	15,16	X,Y	
	20,22			17,19	6,8	
	15,15					
HMD6MQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

HP4UXC	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
HPXTPV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
HTK7R8	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
HUGJT8	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
HUUR9F	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
HV7PHQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
HY3BAT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,[19]	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

J2BHE8	GlobalFiler™ (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
J3Z32Q	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
J4U6XY	PowerPlex® Fusion5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				
J9RCBP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
JDJUW9	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
JEU88H	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
JEXRYR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

JGH6T9	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
JJT6XF	Investigator® 24plex QS (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
JKJ27N	Identifiler®, Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	n/a
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	n/a	n/a	17,19	6,8	12,12
	15,15	10	n/a	n/a	n/a	
JLFPYD	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
JLL627	Identifiler® Plus, MiniFiler					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
JPVTF3	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
JRLM2Q	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		

TABLE 2

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

Item 4 - STR Results

JTUTK7	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
JTVLQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
JU92PZ	Identifiler® Id+					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
JZWJA3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
JZXBQ6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	-	-	17,19	6,8	12
	15	10	-	-	2	
K2BEHG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
K2JEWG	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

K2N6CT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
K6BPDG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
K7G4QN	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
K9944R	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
KC4UBX	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
KC7L8K	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
KHEXAD	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

KJPZUQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
KLX7FR	PowerPlex® 23					
4						
KNPZK9	Identifiler® Plus, MiniFiler					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
KQMR47	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
KRD3QR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
KRXJ7U	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
KTDBBR	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		

TABLE 2

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

Item 4 - STR Results

KYE62K	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
KYKDCT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
L7PAAP	GlobalFiler™ PCR Amplification kit (GeneMapper™ ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
L88TGM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
L9KCGK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
L9WMXJ	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
LBARVL	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		

TABLE 2

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

Item 4 - STR Results

LDW3X9	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
LEBMQH	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
LEUGJ6	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
LEUJ3H	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
LG4GK7	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
LK2W2G	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
LKD8JZ	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	NT
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20	NT	

TABLE 2

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

Item 4 - STR Results

LLR636	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				
LNXM68	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
LQ3BLH	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
LQJYUJ	GlobalFiler™					
	16,17.3	17,18	[10],11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	[29],[30.2]	15,16	X,Y	11,11
	20,22			17,19	[6],[8]	12,12
	15,15	10			2	
LRDBMH	GlobalFiler™ (STRmix)					
	15,16,17.3	17,18	10,11	15,16,17	12,13	
4	8,12	10,13	13,14	15,16	8,12,13	11,12
	13,14,19,20	13,14	28,29,30.2	15,16	X,Y	10,11
	20,21,22			16,17,18,19	6,8	12
	14,15	10			2	
LT7HUV	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
LTRAMG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

LX3RV3	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
LXLGJN	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
M2GPZ4	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
M2VTEB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
M3LYTF	GlobalFiler™ (STRmix v 2.4.06)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
M43G6E	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
M4622V	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

MCDCWL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
MDA9GV	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
MFG46M	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
MJYNA9	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
MKQ4MK	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
MM4A7L	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
MN64DJ	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

MQZU8J	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
MTNJF4	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
MW9HLK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
MXGE9B	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
N34T3A	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
N34VRE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
N3RXTTP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

N437YX	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	--
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	--	6,8	12
	15	10	--	--	--	
N68LXU	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
N8H9W8	GlobalFiler™ (STRmix v2.4.06)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
N8HE3U	GlobalFiler™, Argus X-12					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
N8NME3	PowerPlex® 21 (STRmix)					
	16,17.3	17,18		16,17	12,13	12,18
4	8,12	10,13		16,16	8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15					
NA9483	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NBNMN8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

NFB9YL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NFDBWX	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				
NHYMNV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NNN3C3	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
NPKUQF	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NPZD9R	GlobalFiler™, Argus X-12, MiniFiler					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NQQ3BE	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

NQYJPL	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
NRKQTA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NT2BQ8	GlobalFiler™ (STRmix 2.4)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
NUEFEQ	VeriFiler Plus					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15				2	
NXZVPP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
NZ26WF	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
NZFRAN	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

NZJWKB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
P2DVHA	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
P36E7N	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
P3NX9F	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
P7KURA	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
P8U4HL	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
P99RBE	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

P9ANLA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
PA3A22	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
PGJHRJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
PJ8HZT	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
PJB6DZ	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
PJQBTP	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
PK38ZF	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

PKN9ZJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
PMLW9E	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
PQQT7G	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
PUCZMC	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
PV2HDB	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				
PV43AR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
PWE8JA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

PX6DWE	GlobalFiler™ (STRmix v2.4.06)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
PZGDAT	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				
PZGEDZ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
Q2RE9Y	PowerPlex® 21					
	16,17.3	17,18		16,17	12,13	12,18
4	8,12	10,13		16,16	8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15					
Q32T8R	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
Q3F6Y6	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
Q67PTB	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				

TABLE 2

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

Item 4 - STR Results

Q7M94E	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
Q7ZNVG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
QBDWAK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
QFCYNL	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
QFQMJL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
QGEBT2	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
QGFH6N	Verifiler Plus					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15				2	

TABLE 2

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

Item 4 - STR Results

QGGDNU	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
QGW4MJ	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
QK7ZLU	GlobalFiler™, MiniFiler, ArgusX					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
QLX49A	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
QQ8JFD	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
QR3TWA	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
QXLPFJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

QY2HBT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
R6LG8E	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
R7XTRG	PowerPlex® Fusion 6c					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
RBM9GN	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
REAV4A	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
RGTGQK	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
RGXQQX	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

RHPUDD	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
RLMVB7	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
RLTH2F	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	(14),(20)	13,(14)	29,30.2	15,16	X,Y	11
	(20),(22)			(17),(19)	6,(8)	12
	15	(10)			2	
RRT2XJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
RRUH92	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
RVWAL9	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
RYXF2E	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				

TABLE 2

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

Item 4 - STR Results

T22WVH	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
T2YPN2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
T3RPFK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
T4M9GL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
T6ZVY2	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
T7BF7P	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
T7UJHW	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

T9YLDM	Verifiler Plus					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	NT	6,8	12
	15	NT	NT	NT	2	
TAURNR	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
TB6MGB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
TBM2ZW	Identifiler®, PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
TDADJK	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
TDEGCB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
TE6PAT	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

TEHEEQ	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
TELBXW	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
TKFRMA	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
TNTGZR	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
TPNTAK	PowerPlex® 21					
	16,17.3	17,18		16,17	12,13	12,18
4	8,12	10,13		16	8,13	12
	14,20	13,14	29,30.2		X,Y	11
	20,22	9,10	7,17		6,8	12
	15					
TQKKJQ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
TTMHZK	Investigator® 24plex					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10				

TABLE 2

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

Item 4 - STR Results

TZ2Z3E	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
U2QJMC	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
U2U9RA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
U4YW6D	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
U6TKNA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
U6YBXJ	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
U74FD8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

U7BVZ2	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
U7PLLQ	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
UCBV2A	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
UEXMWD	Identifiler®, Investigator® 24plex QS, 27 FlexPlex					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	N/A	7,17	17,19	6,8	12,12
	15,15	10	18	20	N/A	
UFZN8R	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
UK44JF	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
UMCKE6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

UNPVR	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
UPGCZ6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
UR86NG	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
UUVKDQ	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12
	14,20	13,14	29,30.2		X,Y	11
	20,22				6,8	12
	15					
UV27J4	PowerPlex® Fusion, MiniFiler					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
UWADJW	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
UY76AG	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		

TABLE 2

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

Item 4 - STR Results

V2T6VH	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
V4GT6X	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
V72YQ9	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
V7ZU4Q	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
V99394	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
VBWQ3C	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
VC4QRW	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

VCUH9C	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
VDZAUx	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
VEJUyV	Identifiler® ID+, PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
VJC42G	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
VJCV6P	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
VMYF7D	GlobalFiler™ (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
VTL9CL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

VUT6LB	Identifiler®, Investigator® 24plex QS, FlexPlex27					
	16,17.3	17,18	10,11	16,17	12,13	12,18
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	N/A	7,17	17,19	6,8	12,12
	15,15	10	18	20	N/A	
VUUKTM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
VWMDN	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
VXNZ3P	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
VXTYC7	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
W24MZ8	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
W93KX7	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

WCTX3N	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
WGZ8QQ	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
WHFUM6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
WJ4DGB	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
WJMTF8	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
WMQ6EY	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
WQ7FR4	Investigator® 24plex QS (STRmix v2.6.3)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

WTP4UA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
WU8HDX	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
WUPPGU	Investigator® 24plex QS (STRmix v2.6.3)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10				
WUQCA2	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
WUR4JV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
WXBN77	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
WXMZPN	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	

TABLE 2

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

Item 4 - STR Results

WZCE26	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
X3DXM4	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
X4TVF3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
X66BBB	Investigator® 24plex QS					
	16,17.3	17,18	10,11	16,17	12,13	N/A
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	N/A	N/A	17,19	6,8	12,12
	15,15	10	N/A	N/A	N/A	
X6ZZ9C	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
XB9KV3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
XE93KH	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		

TABLE 2

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

Item 4 - STR Results

XEQXGC	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
XHCVVU	PowerPlex® Fusion 6C (STRmix)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
XMJ9PL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
XTA83B	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
XU3X9P	PowerPlex® Fusion5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				
XUEW2D	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
XUJANA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

XVRWB8	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
XZBEN6	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
Y2394R	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
Y4KY4P	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
Y6V7HW	GlobalFiler™ (STRmix v2.4)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
Y6WEC2	GlobalFiler™ (STRmix)					
	15,16,16.3,17.3	17,18	9,10,11	15,16,17	11,12,13	
4	8,11,12	9,10,12,13	13,14	15,16	8,12,13	11,12
	13,14,19,20	12,13,14	28,29,29.2,30.2	14,15,16	X,Y	10,11
	19,20,21,22			16,17,18,19	6,8	11,12
	14,15	9,10			2	
Y97B9R	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

YCLRFB	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
YE39HM	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
YG72CL	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
YGPD78	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
YKWU2C	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
YL3ZXR	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
YMC8YY	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	

TABLE 2

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

Item 4 - STR Results

YMGWEB	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
YMZTNP	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
YNCB4N	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
YR9YKV	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
YVQGJR	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
YVRNR9	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
YWK63M	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

Z2BDQ9	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
Z3NDZ3	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
Z3P8TA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ZCZAEA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ZEKB9W	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ZEYBWD	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ZFHMRH	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				

TABLE 2

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

Item 4 - STR Results

ZGN6NT	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
ZH2WGA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22			17,19	6,8	12,12
	15,15	10			2	
ZHHT8N	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
ZKNGKT	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17	17,19	6,8	12
	15	10	18	20		
ZKX2PP	PowerPlex® 21					
	16,17.3	17,18		16,17	12,13	12,18
4	8,12	10,13		16,16	8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15					
ZMUDZA	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ZPHRPK	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12
	14,20	13,14	29,30.2		X,Y	11
	20,22				6,8	12
	15					

TABLE 2

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

Item 4 - STR Results

ZR9GXX	Identifiler® Plus					
		17,18		16,17	12,13	
4	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					
ZTJX26	PowerPlex® Fusion (TrueAllele)					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
ZUCCLU	PowerPlex® Fusion 6C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17	17,19	6,8	12,12
	15,15	10	18	20		
ZV6Z4P	PowerPlex® Fusion					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22	9,10	7,17		6,8	12
	15	10				
ZXJDYD	GlobalFiler™					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14	16	8,13	12
	14,20	13,14	29,30.2	15,16	X,Y	11
	20,22			17,19	6,8	12
	15	10			2	
ZXVBVH	PowerPlex® Fusion 5C					
	16,17.3	17,18	10,11	16,17	12,13	
4	8,12	10,13	14,14	16,16	8,13	12,12
	14,20	13,14	29,30.2	15,16	X,Y	11,11
	20,22	9,10	7,17		6,8	12,12
	15,15	10				

TABLE 2

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

Item 4e - STR Results

AUX6AA	Identifiler®					
		17,18		16,17	12,13	
4e	8,12	10,13			8,13	12,12
	14,20	13,14	29,30.2		X,Y	11,11
	20,22				6,8	12,12
	15,15					

TABLE 2

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

Item 4sp - STR Results

AUX6AA	Identifiler®					
		-		16,-	-	
4sp		-	-		-	-
		-	-		-	-
		-			-	-
		-			-	-

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										
72U798	PowerPlex® Y 23									
1	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
KTDBBR	PowerPlex® Y 23									
1	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
P7KURA	Yfiler™, PowerPlex® Fusion 5C									
1		NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR			
							NR			NR
PX6DWE	Yfiler™ Plus									
1	no result	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result		no result	no result	no result	no result			no result

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
266P4K	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25
	12	14	17	17		21	13	11	
2743Z7	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25
	12	14	17	17		21	13	11	
28WTQZ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	17	31	17	14	12	25
	41	12		17	17	19	21		11
2CYRXQ	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25
	12	14	17	17		21	13	11	
2GMAMG	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
2JUHW2	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
2LV3Q7	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25
	12	14	17	17		21	13	11	
2NLTPC	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25
	12	14	17	17		21	13	11	
2ZVGU3	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
32TFU9	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25
	12	14	17	17		21	13	11	
3A4PDU	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
3D4URZ	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		
						21		11	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
3LBWQ7	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
3MATKB	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
3MP9K6	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
3NWFUP	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
3RV2EZ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
3RZQVE	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
3U79TA	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
43CDGK	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
44BZE3	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
44UYDL	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
4HAKG8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
4PB38X	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

4RFTA7	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
63V63U	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
67CHP4	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
6AQN2Y	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,42	12		17	17	19	21		11
6CG97N	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
6CYR32	Yfiler™								
2	N/A	17	17,18	13	30	21	10	11	13
	13	11	12	21	N/A	17	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
6PQW8X	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
6RA3JE	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
6VAVB7	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
72U798	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
76UZY3	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
77Q9FY	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
7BGWHX	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	
7JVGX	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
7PH7PE	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
7QTB2G	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
7TFPPR	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
7TYVMW	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
7XVFVL	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	
7Z6DDA	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
7ZEGUE	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
7ZM9WW	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
88FULV	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
8HUMN6	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
8HXZF8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
8HZB7P	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
8M8BET	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
8ZWCN9	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
93VHRX	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
94C847	Yfiler™ Plus, PowerPlex® Y 23								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	14	17	17	19	21	13	11
99NFP2	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
9EDPLZ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
9F99M2	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,42	12		17	17	19	21		11
9HALFE	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
9LBMKG	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
9VFWPL	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
9XKWU8	Yfiler™									
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14			
							21		11	
A7X722	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41,42	12		17	17	19	21		11	
ABNRH3	Yfiler™ Plus PCR Amplification Kit									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
APUWBU	Yfiler™									
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14			
							21		11	
APVULP	PowerPlex® Y 23									
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25	
		12	14	17	17		21	13	11	
AQ77B2	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
AQL69C	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
AX7ACX	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
B3VMET	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
B6GY7N	PowerPlex® Y 23									
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25	
		12	14	17	17		21	13	11	
BKBFEV	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
BNBQBV	Yfiler™ Plus									
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	

TABLE 3

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

Item 2 - YSTR Results

BT629V	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
BWM9Q3	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
BXLQ8R	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
C6EYTP	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
C7BZR7	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
CG7RW7	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
CLZQ8U	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
CMC9LT	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	-	17	17	19	21	-	11
D2WTRD	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
DD6MYW	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
							21		11
DDH46H	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
DM8A8B	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

DPYQJP	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
DRK36V	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
DVKDZV	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
DZDGM9	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
E28H9Q	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
E2LNCY	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
E73V6T	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
EF46QW	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
EK66BM	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
ELVGJ8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
EPBX4X	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
ERHDCP	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

ERVFWX	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
ET3R9E	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
EU9DLT	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
EUY9QW	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
EY2P8H	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
EYLYPY	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
F6LXDT	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
F884UY	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
FFZ632	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
FM33YL	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
FQJGJK	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
FUHYC7	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

FYGJUR	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
G7WZYR	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
GTKKAT	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
GVUDKV	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
H9XMRM	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
HCVNUJ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
HKRY87	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
HMD6MQ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
HUUR9F	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
J2BHE8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
J3Z32Q	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
J9RCBP	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
JEXRYR	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,[42]	12		17	17	19	21		11
JKJ27N	Yfiler™								
2	n/a	17	17,18	13	30	21	10	11	13
	13	11	12	21	n/a	17	14	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	21	n/a	11
JPVTF3	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
JTVVLQ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
JZWJA3	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
K2BEHG	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
K2N6CT	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
K6BPDG	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
KC7L8K	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
KJPZUQ	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
							21		11
KLX7FR	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
KNPZK9	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

KTDBBR	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	
L7PAAP	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
L88TGM	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
LEUGJ6	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
LEUJ3H	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
LKD8JZ	PowerPlex® Y 23								
2	NT	17	17,18	13	30	21	10	11	13
	13	11	12	21	NT	17	14	NT	25
	NT	12	14	17	17	NT	21	13	11
LNXM68	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	
LQ3BLH	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
LQJYUJ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
LTRAMG	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
LXLGJN	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
MKQ4MK	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

MM4A7L	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
MW9HLK	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
N34VRE	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
N8H9W8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,42	12		17	17	19	21		11
N8HE3U	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
NA9483	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
NFB9YL	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,42	12		17	17	19	21		11
NPKUQF	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
NPZD9R	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
NQQ3BE	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
NQYJPL	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
NT2BQ8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

NUEFEQ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
NZ26WF	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
NZJWKB	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
P36E7N	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
P7KURA	Yfiler™, PowerPlex® Fusion 5C								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
P8U4HL	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
P99RBE		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
PCVEZL	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
PJ8HZT	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
PK38ZF	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
PKN9ZJ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
PMLW9E	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
PQQT7G	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	
PUCZMC	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
PV43AR	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
PX6DWE	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,42	12	17	17	19	21			11
Q2RE9Y	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
Q3F6Y6	PowerPlex® Y 23								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14		25	
	12	14	17	17		21	13	11	
Q7M94E	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
Q7ZNVG	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
QAWPZW	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
QBWDWAK	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11
QGFH6N	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	17	17	19	21			11
QK7ZLU	Yfiler™								
2	17	17,18	13	30	21	10	11	13	
	13	11	12	21	17	14			
						21			11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
QLX49A	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
R6LG8E	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
RGTGQK	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
RGXQQX	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
RHPUDD	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
T9YLDM	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12	NT	17	17	19	21	NT	11
TB6MGB	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
TBMZ2W	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
TDADJK	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
TDEGCB	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
TE6PAT	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
TPNTAK	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
U2QJMC	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
U6YBXJ	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
U74FD8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
UEXMWD	Yfiler™								
2	N/A	17	17,18	13	30	21	10	11	13
	13	11	12	21	N/A	17	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
UMCKE6	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
UUVKDQ	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
UV27J4	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
V72YQ9	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
VBWQ3C	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
VCUH9C	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
VDZAUX	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
VHTBTR	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

VJC42G	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
VMYF7D	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
VTL9CL	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
VUT6LB	Yfiler™								
2	N/A	17	17,18	13	30	21	10	11	13
	13	11	12	21	N/A	17	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
W24MZ8	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
WGZ8QQ	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
WJMTF8	Yfiler™ Plus PCR Amplification Kit								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
WUPPGU	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
WUR4JV	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
WXBN77	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
WZCE26	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
							21		11
X3DXM4	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 2 - YSTR Results

X6ZZ9C		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
XB9KV3		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
XEQXGC		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
XTA83B		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
XU3X9P		PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25	
		12	14	17	17		21	13	11	
XVRWB8		PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25	
		12	14	17	17		21	13	11	
XZBEN6		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
Y97B9R		PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13	
	13	11	12	21		17	14		25	
		12	14	17	17		21	13	11	
YCLRFB		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
YGPD78		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
YKWU2C		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	
YL3ZXR		Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13	
	13	11	12	21	31	17	14	12	25	
	41	12		17	17	19	21		11	

TABLE 3

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

Item 2 - YSTR Results

YNCB4N	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
YVRNR9	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41,42	12		17	17	19	21		11
Z3NDZ3	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
ZEKB9W	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
ZEYBWD	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
ZHHT8N	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
ZKNGKT	PowerPlex® Y 23								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		25
		12	14	17	17		21	13	11
ZKX2PP	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11
ZPHRPK	Yfiler™								
2		17	17,18	13	30	21	10	11	13
	13	11	12	21		17	14		
							21		11
ZXJDYD	Yfiler™ Plus								
2	38,39	17	17,18	13	30	21	10	11	13
	13	11	12	21	31	17	14	12	25
	41	12		17	17	19	21		11

TABLE 3

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

Item 3 - YSTR Results

28WTQZ	Yfiler™ Plus								
3									
3LBWQ7	Yfiler™								
3									
3RV2EZ	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
6CYR32	Yfiler™								
3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
72U798	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
7TYVMW	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
EYLPHY	PowerPlex® Y 23								
3	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
KC7L8K	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
KTDBBR	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
N34VRE	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
P7KURA	Yfiler™, PowerPlex® Fusion 5C								
3		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
PK38ZF	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

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

WebCode	Yfiler™ Plus								
PX6DWE	Yfiler™ Plus								
3	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result		no result	no result	no result	no result		no result
W24MZ8	Yfiler™ Plus								
3	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result		No Result	No Result	No Result	No Result		No Result
Z3NDZ3	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

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										
266P4K	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
2743Z7	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
28WTQZ	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
2CYRXQ	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
2GMAMG	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
2JUHW2	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
2LV3Q7	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
2NLTPC	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
2PW24J	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
2ZVGU3	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
32TFU9	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
3A4PDU	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	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 4 - YSTR Results									
3D4URZ	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
3LBWQ7	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
3MATKB	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
3MP9K6	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
3NWFUP	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
3RV2EZ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
3RZQVE	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
3U79TA	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
43CDGK	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
44BZE3	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
44UYDL	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
4HAKG8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results

4PB38X	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
4RFTA7	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
63V63U	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
67CHP4	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
6AQN2Y	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
6CG97N	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
6CYR32	Yfiler™								
4	N/A	14	11,14	12	28	24	10	13	13
	15	13	11	20	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
6PQW8X	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
6RA3JE	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
6VAVB7	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
72U798	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
76UZY3	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		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 4 - YSTR Results

77Q9FY	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7BGWHX	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
7JVVGX	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7PH7PE	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7QTB2G	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7TFPPR	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
7TYVMW	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7XVFL	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
7Z6DDA	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7ZEGUE	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
7ZM9WW	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
88FULV	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results

8HUMN6	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
8HXZF8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
8HZB7P	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
8M8BET	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
8ZWCN9	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
93VHRX	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
94C847	Yfiler™ Plus, PowerPlex® Y 23								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	13	18	20	21	24	10	12
99NFP2	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
9EDPLZ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
9F99M2	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
9HALFE	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
9LBMKG	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		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 4 - YSTR Results

9VFWPL	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	
9XKWU8	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			
						24		12	
A7X722	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
ABNRH3	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
APUWBU	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			
						24		12	
APVULP	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	
AQ77B2	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
AQL69C	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
AUX6AA	Yfiler™								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
AX7ACX	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
B3VMET	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
B6GY7N	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
BKBFEV	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
BNBQBV	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
BT629V	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
BWM9Q3	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
		15	13	11	20	15	16		22
		12	13	18	20		24	10	12
BXLQ8R	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
C6EYTP	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
C7BZR7	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
CG7RW7	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
		15	13	11	20	15	16		22
		12	13	18	20		24	10	12
CLZQ8U	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
		15	13	11	20	15	16		22
		12	13	18	20		24	10	12
CMC9LT	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	-	18	20	21	24	-	12
D2WTRD	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
		15	13	11	20	15	16		22
		12	13	18	20		24	10	12
DD6MYW	Yfiler™								
4		14	11,14	12	28	24	10	13	13
		15	13	11	20	15	16		22
							24		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 4 - YSTR Results									
DDH46H	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16	22		
	12	13	18	20	24	10	12		
DM8A8B	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
DPYQJP	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16	22		
						24	12		
DRK36V	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
DVKDZV	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
DZDGM9	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16	22		
	12	13	18	20	24	10	12		
E28H9Q	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
E2LNCY	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
E73V6T	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
EF46QW	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16	22		
						24	12		
EK66BM	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	12		
ELVGJ8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	18	20	21	24	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 4 - YSTR Results

EPBX4X	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	
ERHDCP	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
ERVFWX	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
EU9DLT	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	
EUY9QW	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
EY2P8H	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
EYLYPY	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	
F6LXDT	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
F884UY	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
	12	13	18	20		24	10	12	
FFZ632	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16		22	
						24		12	
FM33YL	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
FQJGJK	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results

FUHYC7	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
FYGJUR	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
G7WZYR	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
GTKKAT	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
GVUDKV	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
H9XMRM	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
HCVNUJ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
HKRY87	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
HMD6MQ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
HUUR9F	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
J2BHE8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
J3Z32Q	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results									
J9RCBP	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
JEXRYR	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
JKJ27N	Yfiler™								
4	n/a	14	11,14	12	28	24	10	13	13
	15	13	11	20	n/a	15	16	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	24	n/a	12
JPVTF3	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
JTVLQ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
JU92PZ	Yfiler™ Yfiler™ +								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
JZWJA3	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
K2BEHG	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
K2N6CT	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
K6BPDG	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
KC7L8K	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
KJPZUQ	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		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 4 - YSTR Results

KLX7FR	PowerPlex® Y 23									
	4	14	11,14	12	28	24	10	13	13	
		15	13	11	20	15	16		22	
		12	13	18	20		24	10	12	
KNPZK9	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12	
KTDBBR	PowerPlex® Y 23									
	4	14	11,14	12	28	24	10	13	13	
		15	13	11	20	15	16		22	
		12	13	18	20		24	10	12	
L7PAAP	Yfiler™ Plus PCR Amplification Kit									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12	
L88TGM	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12	
LEUGJ6	Yfiler™									
	4	14	11,14	12	28	24	10	13	13	
		15	13	11	20	15	16			
							24		12	
LEUJ3H	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12	
LKD8JZ	PowerPlex® Y 23									
	4	NT	14	11,14	12	28	24	10	13	13
		15	13	11	20	NT	15	16	NT	22
	NT	12	13	18	20	NT	24	10	12	
LNXM68	PowerPlex® Y 23									
	4	14	11,14	12	28	24	10	13	13	
		15	13	11	20	15	16		22	
		12	13	18	20		24	10	12	
LQ3BLH	Yfiler™									
	4	14	11,14	12	28	24	10	13	13	
		15	13	11	20	15	16			
							24		12	
LQJYUJ	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12	
LTRAMG	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results

LXLGJN	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			
						24			12
MKQ4MK	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			22
		12	13	18	20	24	10	12	
MM4A7L	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
MW9HLK	Yfiler™ Plus								
4	35,16	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
N34VRE	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
N8H9W8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
N8HE3U	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			
						24			12
NA9483	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
NFB9YL	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
NPKUQF	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
NPZD9R	Yfiler™								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			
						24			12
NQQ3BE	PowerPlex® Y 23								
4	14	11,14	12	28	24	10	13	13	
	15	13	11	20	15	16			22
		12	13	18	20	24	10	12	

TABLE 3

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

Item 4 - YSTR Results

NQYJPL	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
NT2BQ8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
NUEFEQ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
NZ26WF	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
NZJWKB	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
P36E7N	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
P7KURA	Yfiler™, PowerPlex® Fusion 5C								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
P8U4HL	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
P99RBE	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
PCVEZL	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
PJ8HZT	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
PK38ZF	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results

PKN9ZJ	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
PMLW9E	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
PQQT7G	PowerPlex® Y 23									
	4		14	11,14	12	28	24	10	13	13
		15	13	11	20		15	16		22
		12	13	18	20		24	10		12
PUCZMC	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
PV43AR	Yfiler™									
	4		14	11,14	12	28	24	10	13	13
		15	13	11	20		15	16		
							24			12
PX6DWE	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
Q2RE9Y	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
Q32T8R	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
Q3F6Y6	PowerPlex® Y 23									
	4		14	11,14	12	28	24	10	13	13
		15	13	11	20		15	16		22
		12	13	18	20		24	10		12
Q7M94E	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
Q7ZNVG	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			12
QAWPZW	Yfiler™ Plus									
	4	35,36	14	11,14	12	28	24	10	13	13
		15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24			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 4 - YSTR Results

QBDWAK	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
QGFH6N	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
QK7ZLU	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
QLX49A	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
QY2HBT	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
R6LG8E	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
RGTGQK	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
RGXQQX	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
RHPUDD	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
T9YLDM	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12	NT	18	20	21	24	NT	12
TB6MGB	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
TBMZ2W	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		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 4 - YSTR Results

TDADJK	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
TDEGCB	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
TE6PAT	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
TEHEEQ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
TNTGZR	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
TPNTAK	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
TTMHZK	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
U2QJMC	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
U6YBXJ	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
U74FD8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
UEXMWD	Yfiler™								
4	N/A	14	11,14	12	28	24	10	13	13
	15	13	11	20	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
UMCKE6	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		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 4 - YSTR Results

UUVKDQ	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
UV27J4	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
V72YQ9	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
VBWQ3C	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
VCUH9C	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
VDZAUX	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
VHTBTR	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
VJC42G	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
VJCV6P	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
VMYF7D	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
VTL9CL	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
VUT6LB	Yfiler™								
4	N/A	14	11,14	12	28	24	10	13	13
	15	13	11	20	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	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 4 - YSTR Results									
W24MZ8	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
WGZ8QQ	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
WJMTF8	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
WUPPGU	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
WUR4JV	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
WXBN77	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
WZCE26	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
							24		12
X3DXM4	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
X6ZZ9C	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
XB9KV3	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
XEQXGC	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
XTA83B	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		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 4 - YSTR Results										
XU3X9P	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
XVRWB8	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
XZBEN6	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
Y97B9R	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
YCLRFB	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
YGPD78	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
YKWU2C	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
YL3ZXR	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
YNCB4N	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
YVQGJR	PowerPlex® Y 23									
4	14	11,14	12	28	24	10	13	13		
	15	13	11	20	15	16	22			
	12	13	18	20	24	10	12			
YVRNR9	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	12			
Z3NDZ3	Yfiler™ Plus									
4	35,36	14	11,14	12	28	24	10	13	13	
	15	13	11	20	28	15	16	11	22	
	37	12	18	20	21	24	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 4 - YSTR Results

ZKKB9W	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
ZEYBWD	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
ZHHT8N	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
ZKNGKT	PowerPlex® Y 23								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		22
		12	13	18	20		24	10	12
ZKX2PP	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
ZPHRPK	Yfiler™								
4		14	11,14	12	28	24	10	13	13
	15	13	11	20		15	16		
							24		12
ZR9G XK	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12
ZXJDYD	Yfiler™ Plus								
4	35,36	14	11,14	12	28	24	10	13	13
	15	13	11	20	28	15	16	11	22
	37	12		18	20	21	24		12

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
D2S1338	CG7RW7			[14]					
D2S441	CG7RW7						[12.2]		
DXS10074	N8HE3U	15,18	20	15,18			16		
	NPZD9R	15,18	20	15,18			16		
	QK7ZLU	15,18	20	15,18			16		
DXS10079	N8HE3U	21	20	21			14		
	NPZD9R	21	20	21			14		
DXS100797	QK7ZLU	21	20	21			14		
DXS10101	N8HE3U	29,31.2	24.2	29,31.2			31		
	NPZD9R	29,31.2	24.2	29,31.2			31		
	QK7ZLU	29,31.2	24.2	29,31.2			31		
DXS10103	N8HE3U	19,20	19	19,20			16		
	NPZD9R	19,20	19	19,20			16		
	QK7ZLU	19,20	19	19,20			16		
DXS10134	N8HE3U	38	28	38			35		
	NPZD9R	38	28	38			35		
	QK7ZLU	38	28	38			35		
DXS10135	N8HE3U	20,21.1	20	20,21.1			27		
	NPZD9R	20,21.1	20	20,21.1			27		
	QK7ZLU	20,21.1	20	20,21.1			27		
DXS10146	N8HE3U	32,36.2	26	32,36.2			25		
	NPZD9R	32,36.2	26	32,36.2			25		
	QK7ZLU	32,36.2	26	32,36.2			25		
DXS10148	N8HE3U	29.1,31	>38.1	29.1,31			26.1		
	NPZD9R	29.1,31	>38.1	29.1,31			26.1		
	QK7ZLU	29.1,31	>38.1	29.1,31			26.1		

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DXS7132	N8HE3U	12,15	14	12,15			15		
	NPZD9R	12,15	14	12,15			15		
	QK7ZLU	12,15	14	12,15			15		
DXS7423	N8HE3U	14	14	14			16		
	NPZD9R	14	14	14			16		
	QK7ZLU	14	14	14			16		
DXS8378	N8HE3U	10,11	11	10,11			12		
	NPZD9R	10,11	11	10,11			12		
	QK7ZLU	10,11	11	10,11			12		
F13A01	94C847	5	3,2,5	5			4,7		
F13B	94C847	7	6,9	7			9,10		
FESFPS	94C847	11,12	8,10	11,12			10,11		
HPRTB	N8HE3U	12	13	12			13		
	NPZD9R	12	13	12			13		
	QK7ZLU	12	13	12			13		
LPL	94C847	11,13	9,10	11,13			10		
Marker	FGCUBK								
	JZWJA3								
PENTA C	94C847	9,11	9,14	9,11			9		
QS1	JJT6XF	Q	Q	Q			Q		
	Y4KY4P	Q	Q						
QS2	JJT6XF	S	S	S			S		
	Y4KY4P	S	S						

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16223.0	16256.0
ITEM 1		
3QAWHN	T	T
6VAVB7	T	T
924HW9	T	T
9ML2WC	T	T
ABNRH3	T	T
BL6CGA	T	T
BRX6Y6	T	T
ERVFWX	T	T
EUY9QW	T	T
GVUDKV	T	T
L7PAAP	T	T
N8HE3U	T	T
P8U4HL	T	T
QK7ZLU	T	T
RGTGQK	T	T
TPNTAK	T	T
U7PLLQ	T	T
WJMTE8	T	T
WQKKN2	T	T
YAAJ3Y	T	T

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16093.0	16223.0	16265.0	16519.0
ITEM 2				
3QAWHN	C	T	T	
6VAVB7	C	T	T	
924HW9	C	T	T	
9ML2WC	C	T	T	
ABNRH3	C	T	T	
BL6CGA	C	T	T	
BRX6Y6	C	T	T	
ERVFWX	C	T	T	
EUY9QW	C	T	T	
GVUDKV	C	T	T	
L7PAAP	C	T	T	
N8HE3U	C	T	T	
P8U4HL	C	T	T	
QK7ZLU	C	T	T	
RGTGQK	C	T	T	
TPNTAK	C	T	T	C
U7PLLQ	C	T	T	
WJMTE8	C	T	T	
WQKKN2	C	T	T	C
YAAJ3Y	C	T	T	C

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16223.0	16256.0
ITEM 3		
3QAWHN	T	T
924HW9	T	T
9ML2WC	T	T
BL6CGA	T	T
BRX6Y6	T	T
N8HE3U	T	T
QK7ZLU	T	T
TPNTAK	T	T
U7PLLQ	T	T
WQKKN2	T	T
YAAJ3Y	T	T

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16092.0	16182.0	16183.0	16189.0	16217.0	16249.0	16312.0	16344.0	16519.0
ITEM 4									
3QAWHN	C	C	C	C	C	C	G	T	
924HW9	C	C	C	C	C	C	G	T	
9ML2WC	C	C	C	C	C	C	G	T	
BL6CGA	C	C	C	C	C	C	G	T	
BRX6Y6	C	C	C	C	C	C	G	T	
N8HE3U	C	C	C	C	C	C	G	T	
QK7ZLU	C	C	C	C	C	C	G	T	
TPNTAK	C	C	C	C	C	C	G	T	C
U7PLLQ	C	C	C	C	C	C	G	T	
WQKKN2	C	C	C	C	C	C	G	T	C
YAAJ3Y	C	C	C	C	C	C	G	T	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3QAWHN	16024-16383	16024-16396	16032-16373	16035-16351
6VAVB7	16024-16365	16024-16365		
924HW9	16024-16387	16024-16387	16024-16386	16024-16386
9ML2WC	16019-16374	16019-16374	16019-16374	16019-16374
ABNRH3	16024-16365	16024-16365		
BL6CGA	16024-16387	16024-16387	16024-16387	16024-16387
BRX6Y6	15998-16390	15998-16390	15998-16390	15998-16390
ERVFWX	16024-16365	16024-16365		
EUY9QW	16024-16365	16024-16365		
GVUDKV	16024-16365	16024-16365		
L7PAAP	16024-16365	16024-16365		
N8HE3U	15998-16390	15998-16390	15998-16390	15998-16390
P8U4HL	16024-16365	16024-16365		
QK7ZLU	15998-16390	15998-16390	15998-16390	15998-16390
RGTGQK	16024-16365	16024-16365		
TPNTAK	16024-16569	16024-16569	16024-16569	16024-16569
U7PLLQ	16024-16387	16024-16387	16024-16387	16024-16387
WJMTE8	16024-16365	16024-16365		
WQKKN2	16024-16569	16024-16569	16024-16569	16024-16569
YAAJ3Y	16024-16569	16024-16569	16024-16569	16024-16569

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	146.0	152.0	263.0	315.1	523.0	524.0
ITEM 1							
3QAWHN	G	C	C	G	C		
6VAVB7	G	C	C	G	C		
924HW9	G	C	C	G	C		
9ML2WC	G	C	C	G	C		
ABNRH3	G	C	C	G	C		
BL6CGA	G	C	C	G	C		
BRX6Y6	G	C	C	G	C		
ERVFWX	G	C	C	G	C		
EUY9QW	G	C	C	G	C		
GVUDKV	G	C	C	G	C		
L7PAAP	G	C	C	G	C		
N8HE3U	G	C	C	G	C		
P8U4HL	G	C	C	G	C		
QK7ZLU	G	C	C	G	C		
RGTGQK	G	C	C	G	C		
TPNTAK	G	C	C	G	C		
U7PLLQ	G	C	C	G	C		
WJMTE8	G	C	C	G	C		
WQKKN2	G	C	C	G	C INS	A DEL	C DEL
YAAJ3Y	G	C	C	G	C INS	A DEL	C DEL

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	150.0	195.0	263.0	315.1	523.0	524.0
ITEM 2							
3QAWHN	G	T	C	G	C		
6VAVB7	G	T	C	G	C		
924HW9	G	T	C	G	C		
9ML2WC	G	T	C	G	C		
ABNRH3	G	T	C	G	C		
BL6CGA	G	T	C	G	C		
BRX6Y6	G	T	C	G	C		
ERVFWX	G	T	C	G	C		
EUY9QW	G	T	C	G	C		
GVUDKV	G	T	C	G	C		
L7PAAP	G	T	C	G	C		
N8HE3U	G	T	C	G	C		
P8U4HL	G	T	C	G	C		
QK7ZLU	G	T	C	G	C		
RGTGQK	G	T	C	G	C		
TPNTAK	G	T	C	G	C		
U7PLLQ	G	T	C	G	C		
WJMTF8	G	T	C	G	C		
WQKK2	G	T	C	G	C INS	A DEL	C DEL
YAAJ3Y	G	T	C	G	C INS	A DEL	C DEL

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	146.0	152.0	263.0	315.1	523.0	524.0
ITEM 3							
3QAWHN	G	C	C	G	C		
924HW9	G	C	C	G	C		
9ML2WC	G	C	C	G	C		
BL6CGA	G	C	C	G	C		
BRX6Y6	G	C	C	G	C		
N8HE3U	G	C	C	G	C		
QK7ZLU	G	C	C	G	C		
TPNTAK	G	C	C	G	C		
U7PLLQ	G	C	C	G	C		
WQKKN2	G	C	C	G	C INS	A DEL	C DEL
YAAJ3Y	G	C	C	G	C INS	A DEL	C DEL

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	152.0	263.0	271.0	309.1	309.2	309.3	315.1	454.0	455.0	460.0	463.1	463.2	499.0
ITEM 4														
3QAWHN		C	G	T				C						
924HW9	G	C	G	T	C	C	C	C						
9ML2WC	G	C	G	T	C	C	C	C						
BL6CGA	G	C	G	T	C	C	C	C						
BRX6Y6	G	C	G	T	C	C	C	C						
N8HE3U	G	C	G	T	C	C	C	C						
QK7ZLU	G	C	G	T	C	C	C	C						
TPNTAK	G	C	G	T	C	C	C	C						
U7PLLQ	G	C	G	T	C	C	C	C						
WQKKN2	G	C	G	T	C INS	C INS	N INS	C INS	T DEL	T DEL	C	C INS	C INS	A
YAAJ3Y	G	C	G	T	C INS	C INS	N INS	C INS	T DEL	T DEL	C	C INS	C INS	A

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3QAWHN	51-381	51-385	55-386	104-302, 310-371
6VAVB7	73-340	73-340		
924HW9	39-368	39-368	39-367	39-367
9ML2WC	61-385	61-385	61-385	61-385
ABNRH3	73-304	73-304		
BL6CGA	39-368	39-368	39-368	39-368
BRX6Y6	49-402	49-402	49-402	49-402
ERVFWX	73-340	73-340		
EUY9QW	73-340	73-340		
GVUDKV	73-340	73-340		
L7PAAP	73-340	73-340		
N8HE3U	49-402	49-402	49-402	49-402
P8U4HL	73-430	73-430		
QK7ZLU	49-402	49-402	49-402	49-402
RGTGQK	73-340	73-340		
TPNTAK	1-408	1-408	1-408	1-408
U7PLLQ	39-367	39-367	53-364	52-364
WJMTF8	73-340	73-340		
WQKKN2	1-576	1-576	1-576	1-576
YAAJ3Y	1-576	1-576	1-576	1-576

DNA Interpretations

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

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
266P4K	Yes	No	No	No	2TXLZB	Yes	No	No	No
2743Z7	Yes	No	No	No	2Y4D8N	Yes	No	No	No
28WTQZ	Yes	No	No	No	2ZDK9V	Yes	No	No	No
2BFK79	Yes	No	No	No	2ZVGU3	Yes	No	No	No
2BWDVQ	Yes	No	No	No	32TFU9	No Interp	No Interp	No	No
2CYRXQ	Yes	No	No	No	33ZZD2	Yes	No	No	No
2ETHDV	Yes	No	No	No	38XE3C	No Interp	No Interp	No Interp	No Interp
2GMAMG	Yes	No	No	No	39JQG4	Yes	No	No	No
2HVP8M	Yes	No	No	No	3A4PDU	Yes	No	No	No
2JMKEB	Yes	No	No	No	3AKQ9A	Yes	No	No	No
2JUHW2	Yes	No	No	No	3D4URZ	Yes	No	No	No
2K2E9A	Yes	No	No	No	3DWTXL	Yes	No	No	No
2KJZM2	Yes	No	No	No	3LBWQ7	Yes	No	No	No
2KZHZZ	Yes	No	No	No	3LUMUY	Yes	No	No	No
2LV3Q7	Yes	No	No	No	3M233Q	Yes	No	No	No
2LWVMT	Yes	No	No	No	3MATKB	Yes	No	No	No
2M8ECB	Yes	No	No	No	3MP9K6	Yes	No	No	No
2NLTPC	Yes	No	No	No	3NWFUP	Yes	No	No	No
2PW24J	Yes	No	No	No	3QAWHN	Yes	No	No	No
2QALZZ	Yes	No	No	No	3RV2EZ	Yes	No	No	No
2TU292	Yes	No	No	No	3RZQVE	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3U79TA	Yes	No	No	No	63V63U	Yes	No	No	No
43CDGK	Yes	No	No	No	64NTLQ	Yes	No	No	No
44BZE3	Yes	No	No	No	67CHP4	Yes	No	No	No
44NKT7	Yes	No	No	No	6AQJV3	Yes	No	No	No
44UYDL	Yes	No	No	No	6AQN2Y	Yes	No	No	No
47VZZC	Yes	No	No	No	6CG97N	Yes	No	No	No
4DEAJ8	Yes	No	No	No	6CYR32	Yes	No	No	No
4DRWNE	Yes	No	No	No	6EM6M6	Yes	No	No	No
4E7D7M	Yes	No	No	No	6JVQB3	Yes	No	No	No
4HAKG8	Yes	No	No	No	6JXNUQ	Yes	No	No	No
4JYE82	Yes	No	No	No	6KC9PM	Yes	No	No	No
4LNPZE	Yes	No	No	No	6KUBFV	Yes	No	No	No
4PB38X	Yes	No	No	No	6MWYDR	Yes	No	No	No
4RFTA7	Yes	No	No	No	6P8JL2	Yes	No	No	No
4RRDH2	Yes	No	No	No	6PQW8X	Yes	No	No	No
4T8XLQ	Yes	No	No	No	6QUN6D	Yes	No	No	No
4TAGT2	Yes	No	No	No	6RA3JE	Yes	No	No	No
4VEDVH	Yes	No	No	No	6UP4YM	Yes	No	No	No
4VJECB	Yes	No	No	No	6VAVB7	Yes	No	No	No
4VU374	Yes	No	No	No	6VUY2D	Yes	No	No	No
4VYRLF	Yes	No	No	No	6W6PEN	Yes	No	No	No
4WNTCJ	Yes	No	No	No	72DWCZ	Yes	No	No	No
4YDPQG	Yes	No	No	No	72U798	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
76UZY3	Yes	No	No	No	8DKVK4	Yes	No	No	No
77Q9FY	Yes	No	No	No	8EEDUR	Yes	No	No	No
7BGWHX	Yes	No	No	No	8FFAC3	Yes	No	No	No
7CCRD3	Yes	No	No	No	8G89Q2	Yes	No	No	No
7DNJ7J	Yes	No	No	No	8HKWYF	Yes	No	No	No
7DQM83	Yes	No	No	No	8HUMN6	Yes	No	No	No
7JDKGB	Yes	No	No	No	8HXZF8	Yes	No	No	No
7JVGX	Yes	No	No	No	8HZB7P	Yes	No	No	No
7NTVWZ	Yes	No	No	No	8KK9C8	Yes	No	No	No
7PH7PE	Yes	No	No	No	8M8BET	Yes	No	No	No
7QTB2G	Yes	No	No	No	8MVVK8	Yes	No	No	No
7RDQQK	Yes	No	No	No	8NME6E	Yes	No	No	No
7TFPPR	Yes	No	No	No	8PYE29	Yes	No	No	No
7TYVMW	Yes	No	No	No	8Y3YBA	Yes	No	No	No
7VMZNF	Yes	No	No	No	8ZWCN9	Yes	No	No	No
7XCE9J	Yes	No	No	No	924HW9	Yes	No	No	No
7XVFL	Yes	No	No	No	92ZWZR	Yes	No	No	No
7YCF64	Yes	No	No	No	93VHRX	Yes	No	No	No
7Z6DDA	Yes	No	No	No	94C847	Yes	No	No	No
7ZEGUE	Yes	No	No	No	96Z9WR	Yes	No	No	No
7ZM9WW	Yes	No	No	No	99NFP2	Yes	No	No	No
86GG6X	Yes	No	No	No	9CNL7T	Yes	No	No	No
88FULV	Yes	No	No	No	9EDPLZ	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9EZCJ4	Yes	No	No	No	AGXBY2	Yes	No	No	No
9F99M2	Yes	No	No	No	AKFFZ6	Yes	No	No	No
9FNCF9	Yes	No	No	No	ALBTQ4	Yes	No	No	No
9HALFE	Yes	No	No	No	ALH4TU	Yes	No	No	No
9JN4JJ	Yes	No	No	No	APUWBU	Yes	No	No	No
9KEE67	Yes	No	No	No	APVULP	Yes	No	No	No
9LBMKG	Yes	No	No	No	AQ77B2	Yes	No	No	No
9ML2WC	Yes	No	No	No	AQKFWR	Yes	No	No	No
9MP6P9	No Interp	No Interp	No Interp	No Interp	AQL69C	Yes	No	No	No
9VFWPL	Yes	No	No	No	AUX6AA	Yes	No	No	No
9VLVC6	Yes	No	No	No	AUX8YE	Yes	No	No	No
9WGDE7	Yes	No	No	No	AX7ACX	Yes	No	No	No
9XKWU8	Yes	No	No	No	AXWJUE	Yes	No	No	No
9ZUEZB	Yes	No	No	No	B3VMET	Yes	No	No	No
A2X222	Yes	No	No	No	B4ACXQ	Yes	No	No	No
A62663	Yes	No	No	No	B6GY7N	Yes	No	No	No
A7X722	Yes	No	No	No	BFCM37	Yes	No	No	No
A93CE8	Yes	No	No	No	BHL3J7	Yes	No	No	No
AB7Y2J	Yes	No	No	No	BJYP2K	Yes	No	No	No
ABNRH3	Yes	No	No	No	BK9CLY	Yes	No	No	No
ACHRZR	Yes	No	No	No	BKBFEV	Yes	No	No	No
ACZMJE	Yes	No	No	No	BKTDJF	Yes	No	No	No
AE9Z2G	Yes	No	No	No	BL6CGA	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BNBQBV	Yes	No	No	No	CQAFZG	Yes	No	No	No
BRNKWU	Yes	No	No	No	CZHJXM	Yes	No	No	No
BRX6Y6	Yes	No	No	No	D2WTRD	Yes	No	No	No
BT629V	Yes	No	No	No	D77R9K	Yes	No	No	No
BUVCZM	Yes	No	No	No	DD3QJ8	Yes	No	No	No
BWM9Q3	Yes	No	No	No	DD6MYW	Yes	No	No	No
BWPGQU	Yes	No	No	No	DDH46H	Yes	No	No	No
BXLQ8R	Yes	No	No	No	DDP2T2	Yes	No	No	No
BYC3EC	Yes	No	No	No	DG896G	Yes	No	No	No
BZ4APZ	Yes	No	No	No	DHCCK7	Yes	No	No	No
C33DUM	Yes	No	No	No	DM8A8B	Yes	No	No	No
C6EYTP	Yes	No	No	No	DPYQJP	Yes	No	No	No
C782CX	Yes	No	No	No	DQPYF8	Yes	No	No	No
C7BZR7	Yes	No	No	No	DQTMVQ	Yes	No	No	No
CBHBYE	Yes	No	No	No	DRK36V	Yes	No	No	No
CBQJYF	Yes	No	No	No	DTX9CB	Yes	No	No	No
CC8GYK	Yes	No	No	No	DUQGMV	Yes	No	No	No
CEPUVF	Yes	No	No	No	DVKDZV	Yes	No	No	No
CG7RW7	Yes	No	No	No	DVKM2L	Yes	No	No	No
CLZQ8U	Yes	No	No	No	DZDGM9	Yes	No	No	No
CMC9LT	Yes	No	No	No	E24DZL	Yes	No	No	No
CP3X2L	Yes	No	No	No	E28H9Q	Yes	No	No	No
CPKGXY	Yes	No	No	No	E2LNCY	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
E73V6T	Yes	No	No	No	F4PG7X	Yes	No	No	No
EDWWER	Yes	No	No	No	F6LXDT	Yes	No	No	No
EF46QW	Yes	No	No	No	F884UY	Yes	No	No	No
EG42J2	Yes	No	No	No	F9J4QT	Yes	No	No	No
EGELRW	Yes	No	No	No	FA3C49	Yes	No	No	No
EGL8MX	Yes	No	No	No	FAZL6D	Yes	No	No	No
EHYU6C	Yes	No	No	No	FDRU6D	Yes	No	No	No
EJ69HJ	Yes	No	No	No	FFZ632	Yes	No	No	No
EK66BM	Yes	No	No	No	FGCUBK	Yes	No	No	No
ELVGJ8	Yes	No	No	No	FGVPMF	Yes	No	No	No
EMLKCE	Yes	No	No	No	FHX23X	Yes	No	No	No
EPBX4X	No Interp	No Interp	No Interp	No	FM33YL	Yes	No	No	No
ERHDPC	Yes	No	No	No	FMZ63P	Yes	No	No	No
ERVFWX	Yes	No	No	No	FQJGJK	Yes	No	No	No
ET3R9E	Yes	No	No	No	FRCT3L	No Interp	No Interp	No Interp	No Interp
ETDRUN	Yes	No	No	No	FT9R8T	Yes	No	No	No
ETTBEK	Yes	No	No	No	FT9UYH	Yes	No	No	No
EU9DLT	Yes	No	No	No	FUHYC7	Yes	No	No	No
EUY9QW	Yes	No	No	No	FX4CKP	Yes	No	No	No
EWGPCV	Yes	No	No	No	FYGJUR	Yes	No	No	No
EXBDVQ	Yes	No	No	No	G2WFT3	Yes	No	No	No
EY2P8H	Yes	No	No	No	G4M7R7	Yes	No	No	No
EYLYPY	No Interp	No Interp	No	No	G7WZYR	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
G8QQ3L	Yes	No	No	No	HH24GM	Yes	No	No	No
G8YT7Q	Yes	No	No	No	HKRY87	Yes	No	No	No
G9XGK2	Yes	No	No	No	HL269N	Yes	No	No	No
G9YNVN	Yes	No	No	No	HMD6MQ	Yes	No	No	No
GAU6B7	Yes	No	No	No	HP4UXC	Yes	No	No	No
GL737E	Yes	No	No	No	HPXTPV	Yes	No	No	No
GTKKAT	Yes	No	No	No	HTK7R8	Yes	No	No	No
GTLLMT	Yes	No	No	No	HUGJT8	Yes	No	No	No
GTPVCR	No Interp	No	No Interp	No	HUUR9F	Yes	No	No	No
GVUDKV	Yes	No	No	No	HV7PHQ	Yes	No	No	No
GY926R	Yes	No	No	No	HY3BAT	Yes	No	No	No
GYXK6D	Yes	No	No	No	J2BHE8	Yes	No	No	No
H3BMM4	Yes	No	No	No	J3Z32Q	Yes	No	No	No
H6FCPC	Yes	No	No	No	J4U6XY	Yes	No	No	No
H78FCR	Yes	No	No	No	J9RCBP	Yes	No	No	No
H8XBQ8	Yes	No	No	No	JDJUW9	Yes	No	No	No
H9XMRM	Yes	No	No	No	JEU88H	Yes	No	No	No
HCR8BR	Yes	No	No	No	JEXRYR	Yes	No	No	No
HCT9QC	Yes	No	No	No	JGH6T9	Yes	No	No	No
HCVNUJ	Yes	No	No	No	JJT6XF	Yes	No	No	No
HD4M6T	Yes	No	No	No	JKJ27N	Yes	No	No	No
HE6Y4M	Yes	No	No	No	JLFPYD	Yes	No	No	No
HEF8J2	Yes	No	No	No	JLL627	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
JPVTF3	Yes	No	No	No	KYE62K	Yes	No	No	No
JRLM2Q	Yes	No	No	No	KYKDC	Yes	No	No	No
JTUTK7	Yes	No	No	No	L7PAAP	Yes	No	No	No
JTWLQ	Yes	No	No	No	L88TGM	Yes	No	No	No
JU92PZ	Yes	No	No	No	L9KCGK	Yes	No	No	No
JZWJA3	Yes	No	No	No	L9WMXJ	Yes	No	No	No
JZXBQ6	Yes	No	No	No	LBARVL	Yes	No	No	No
K2BEHG	Yes	No	No	No	LDW3X9	Yes	No	No	No
K2JEWG	Yes	No	No	No	LEBMQH	Yes	No	No	No
K2N6CT	Yes	No	No	No	LEUGJ6	Yes	No	No	No
K6BPDG	Yes	No	No	No	LEUJ3H	Yes	No	No	No
K7G4QN	Yes	No	No	No	LG4GK7	Yes	No	No	No
K9944R	Yes	No	No	No	LK2W2G	Yes	No	No	No
KC4UBX	Yes	No	No	No	LKD8JZ	Yes	No	No	No
KC7L8K	Yes	No	No	No	LLR636	Yes	No	No	No
KHEXAD	Yes	No	No	No	LNXM68	Yes	No	No	No
KJPZUQ	Yes	No	No	No	LQ3BLH	Yes	No	No	No
KLX7FR	No Interp	No Interp	No Interp	No	LQJYUJ	Yes	No	No	No
KNPZK9	Yes	No	No	No	LRDBMH	Yes	No	No	No
KQMR47	Yes	No	No	No	LT7HUV	Yes	No	No	No
KRD3QR	Yes	No	No	No	LTRAMG	Yes	No	No	No
KRXJ7U	Yes	No	No	No	LX3RV3	Yes	No	No	No
KTDBBR	Yes	No	No	No	LXLGJN	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
M2GPZ4	Yes	No	No	No	N8NME3	Yes	No	No	No
M2VTEB	Yes	No	No	No	NA9483	Yes	No	No	No
M3LYTF	Yes	No	No	No	NBNMN8	Yes	No	No	No
M43G6E	Yes	No	No	No	NFB9YL	Yes	No	No	No
M4622V	Yes	No	No	No	NFDBWX	Yes	No	No	No
MCDCWL	Yes	No	No	No	NHYMNV	Yes	No	No	No
MDA9GV	Yes	No	No	No	NNN3C3	Yes	No	No	No
MFG46M	Yes	No	No	No	NPKUQF	Yes	No	No	No
MJYNA9	Yes	No	No	No	NPZD9R	Yes	No	No	No
MKQ4MK	Yes	No	No	No	NQQ3BE	Yes	No	No	No
MM4A7L	Yes	No	No	No	NQYJPL	Yes	No	No	No
MN64DJ	Yes	No	No	No	NRKQTA	Yes	No	No	No
MQZU8J	Yes	No	No	No	NT2BQ8	Yes	No	No	No
MTNJF4	Yes	No	No	No	NUEFEQ	Yes	No	No	No
MW9HLK	Yes	No	No	No	NXZVPP	Yes	No	No	No
MXGE9B	Yes	No	No	No	NZ26WF	Yes	No	No	No
N34T3A	Yes	No	No	No	NZFRAN	Yes	No	No	No
N34VRE	Yes	No	No	No	NZJWKB	Yes	No	No	No
N3RXTP	Yes	No	No	No	P2DVHA	Yes	No	No	No
N437YX	Yes	No	No	No	P36E7N	Yes	No	No	No
N68LXU	Yes	No	No	No	P3NX9F	Yes	No	No	No
N8H9W8	Yes	No	No	No	P7KURA	Yes	No	No	No
N8HE3U	Yes	No	No	No	P8U4HL	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
P99RBE	Yes	No	No	No	Q7M94E	Yes	No	No	No
P9ANLA	Yes	No	No	No	Q7ZNVG	Yes	No	No	No
PA3A22	Yes	No	No	No	QAWPZW	No Interp	No Interp	No Interp	No
PCVEZL	No Interp	No Interp	No Interp	No	QBDWAK	Yes	No	No	No
PGJHRJ	Yes	No	No	No	QFCYNL	Yes	No	No	No
PJ8HZT	Yes	No	No	No	QFQMJL	Yes	No	No	No
PJB6DZ	Yes	No	No	No	QGEBT2	Yes	No	No	No
PJQBTP	Yes	No	No	No	QGFH6N	Yes	No	No	No
PK38ZF	Yes	No	No	No	QGGDNU	Yes	No	No	No
PKN9ZJ	Yes	No	No	No	QGW4MJ	Yes	No	No	No
PMLW9E	Yes	No	No	No	QK7ZLU	Yes	No	No	No
PQQT7G	Yes	No	No	No	QLX49A	Yes	No	No	No
PUCZMC	Yes	No	No	No	QQ8JFD	Yes	No	No	No
PV2HDB	Yes	No	No	No	QR3TWA	Yes	No	No	No
PV43AR	Yes	No	No	No	QXLPFJ	Yes	No	No	No
PWE8JA	Yes	No	No	No	QY2HBT	No Interp	No Interp	No Interp	No Interp
PX6DWE	Yes	No	No	No	R6LG8E	Yes	No	No	No
PZGDAT	Yes	No	No	No	R7XTRG	Yes	No	No	No
PZGEDZ	Yes	No	No	No	RBM9GN	Yes	No	No	No
Q2RE9Y	Yes	No	No	No	REAV4A	Yes	No	No	No
Q32T8R	No Interp	No Interp	No Interp	No Interp	RGTGQK	Yes	No	No	No
Q3F6Y6	Yes	No	No	No	RGXQQX	Yes	No	No	No
Q67PTB	No Interp	No Interp	No Interp	No Interp	RHPUDD	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RLMVB7	Yes	No	No	No	TNTGZR	Yes	No	No	No
RLTH2F	Yes	No	No	No	TPNTAK	Yes	No	No	No
RRT2XJ	Yes	No	No	No	TQKKJQ	Yes	No	No	No
RRUH92	Yes	No	No	No	TTMHZK	Yes	No	No	No
RVWAL9	Yes	No	No	No	TZ2Z3E	Yes	No	No	No
RYXF2E	Yes	No	No	No	U2QJMC	Yes	No	No	No
T22VWH	Yes	No	No	No	U2U9RA	Yes	No	No	No
T2YPN2	Yes	No	No	No	U4YW6D	Yes	No	No	No
T3RPFK	Yes	No	No	No	U6TKNA	Yes	No	No	No
T4M9GL	Yes	No	No	No	U6YBXJ	Yes	No	No	No
T6ZVY2	Yes	No	No	No	U74FD8	Yes	No	No	No
T7BF7P	Yes	No	No	No	U7BVZ2	Yes	No	No	No
T7UJHW	Yes	No	No	No	U7PLLQ	Yes	No	No	No
T9YLDM	Yes	No	No	No	UCBV2A	Yes	No	No	No
TAURNR	Yes	No	No	No	UEXMWD	Yes	No	No	No
TB6MGB	Yes	No	No	No	UFZN8R	Yes	No	No	No
TBMZ2W	Yes	No	No	No	UK44JF	Yes	No	No	No
TDADJK	Yes	No	No	No	UMCKE6	Yes	No	No	No
TDEGCB	Yes	No	No	No	UNPVRC	Yes	No	No	No
TE6PAT	Yes	No	No	No	UPGCZ6	Yes	No	No	No
TEHEEQ	Yes	No	No	No	UR86NG	Yes	No	No	No
TELBXW	Yes	No	No	No	UUVKDQ	Yes	No	No	No
TKFRMA	Yes	No	No	No	UV27J4	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
UWADJW	Yes	No	No	No	W93KX7	Yes	No	No	No
UY76AG	Yes	No	No	No	WCTX3N	Yes	No	No	No
V2T6VH	Yes	No	No	No	WGZ8QQ	Yes	No	No	No
V4GT6X	Yes	No	No	No	WHFUM6	Yes	No	No	No
V72YQ9	Yes	No	No	No	WJ4DGB	Yes	No	No	No
V7ZU4Q	Yes	No	No	No	WJMTF8	Yes	No	No	No
V99394	Yes	No	No	No	WMQ6EY	Yes	No	No	No
VBWQ3C	Yes	No	No	No	WQ7FR4	Yes	No	No	No
VC4QRW	Yes	No	No	No	WQKKN2	Yes	No	No	No
VCUH9C	Yes	No	No	No	WTP4UA	Yes	No	No	No
VDZAUX	Yes	No	No	No	WU8HDX	Yes	No	No	No
VEJUYY	Yes	No	No	No	WUPPGU	Yes	No	No	No
VHTBTR	No Interp	No Interp	No Interp	No	WUQCA2	Yes	No	No	No
VJC42G	Yes	No	No	No	WUR4JV	Yes	No	No	No
VJCV6P	Yes	No	No	No	WXBN77	Yes	No	No	No
VMYF7D	Yes	No	No	No	WXMZPN	Yes	No	No	No
VTL9CL	Yes	No	No	No	WZCE26	Yes	No	No	No
VUT6LB	Yes	No	No	No	X3DXM4	Yes	No	No	No
VUUKTM	Yes	No	No	No	X4TVF3	Yes	No	No	No
WMXDN	Yes	No	No	No	X66BBB	Yes	No	No	No
VXNZ3P	Yes	No	No	No	X6ZZ9C	Yes	No	No	No
VXTYC7	Yes	No	No	No	XB9KV3	Yes	No	No	No
W24MZ8	Yes	No	No	No	XE93KH	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XEQXGC	Yes	No	No	No	YMGWEB	Yes	No	No	No
XHCWU	Yes	No	No	No	YMZTNP	Yes	No	No	No
XMJ9PL	Yes	No	No	No	YNCB4N	Yes	No	No	No
XTA83B	Yes	No	No	No	YR9YKV	Yes	No	No	No
XU3X9P	Yes	No	No	No	YVQGJR	Yes	No	No	No
XUEW2D	Yes	No	No	No	YVRNR9	Yes	No	No	No
XUJANA	Yes	No	No	No	YWK63M	Yes	No	No	No
XVRWB8	Yes	No	No	No	Z2BDQ9	Yes	No	No	No
XZBEN6	Yes	No	No	No	Z3NDZ3	Yes	No	No	No
Y2394R	Yes	No	No	No	Z3P8TA	Yes	No	No	No
Y4KY4P	Yes	No	No	No	ZCZAEA	Yes	No	No	No
Y6V7HW	Yes	No	No	No	ZEKB9W	Yes	No	No	No
Y6WEC2	Yes	No	No	No	ZEYBWD	Yes	No	No	No
Y97B9R	Yes	No	No	No	ZFHMRH	Yes	No	No	No
YAAJ3Y	Yes	No	No	No	ZGN6NT	Yes	No	No	No
YCLRFB	Yes	No	No	No	ZH2WGA	Yes	No	No	No
YE39HM	Yes	No	No	No	ZHHT8N	Yes	No	No	No
YE974K	No Interpretations Reported, DNA Analyzed for Database purposes only.				ZKNGKT	Yes	No	No	No
YG72CL	Yes	No	No	No	ZKX2PP	Yes	No	No	No
YGPD78	Yes	No	No	No	ZMUDZA	Yes	No	No	No
YKWU2C	Yes	No	No	No	ZPHRPK	Yes	No	No	No
YL3ZXR	Yes	No	No	No	ZR9G XK	Yes	No	No	No
YMC8YY	Yes	No	No	No	ZTJX26	Yes	No	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZUCCLU	Yes	No	No	No					
ZV6Z4P	Yes	No	No	No					
ZXJDYD	Yes	No	No	No					
ZXVBVH	Yes	No	No	No					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 598		
<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		583	0	0	0
No		0	584	585	591
Inc		0	0	0	0
No Interpretation		14	13	12	6
No Response		0	0	0	0

Participants analyzing DNA for database purposes only: 1

Additional Comments

TABLE 8

WebCode	Additional Comments
266P4K	NR = no results
2HVP8M	Results reported with stutter filters on
2ZVGU3	Value of LR interpretation in respect of value of the proof and was express in words, using the [Laboratory] recommendation ([Laboratory] guideline for evaluative reporting in forensic science, 2015). We performed statistical analysis of results using "LR Mix Studio v. 2.1.3 - Community Edition" (H. Hencel, P. Gill, 2016) as do we do with normal results. LR value was count for Item 3. We had confirmed comparative material from Victim (Item 1) to proceed with analysis. Calculation was based on population database for GlobalFiler PCR Amplification Kit producer of reagents for Caucasian population. We used allele frequencies from that database. This statistical analysis contain below conclusion: "Proof from genetic analysis for Item 3 sample give extreme high support [LR = 8,84 x 10 ^ 31] for hypothesis, that sample contain DNA of the Victim (Item 1), against to alternative hypothesis saying that this sample contain DNA of the different, unknown (NN) notrelated person.
32TFU9	Testing was using Y-STR analysis only; female reference standard (#1) was not tested, therefore no interpretations regarding her being a contributor to either questioned stain. Questioned stain from victim's shirt (#3) had no male DNA detected during quantitation - male suspect (#2) therefore excluded.
38XE3C	Items 1 and 2 (the known samples) were not profiled and no interpretations were reported. Items 3 and 4 were profiled to confirm that the correct results were obtained for the assigned analyst who is proficiency tested for DNA extraction through CE, but not for interpretation.
39JQG4	NR = no results
3D4URZ	Additional peak observed outside marker range of DYS456 at ~70 bp which is consistent with artifact documented in literature.
3DWTXL	reporting results with stutter filters on
3LBWQ7	A known SNP located within a Y homologous region on the X chromosome that results in the amplification of a 71bp fragment by the DYS456 locus was observed. It doesn't interfere with the typing of DYS456 or any of the other Y loci.
3M233Q	Reporting results with stutter filters on
3RV2EZ	NR = No Result
3RZQVE	Extraction: Item 1 and Item 2 were extracted using Chelex extraction method. Item 3 and Item 4 were extracted using Promega DNA IQ purification kit via Tecan Freedom EVO 150 HID Evolution Platform. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNAQuantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using Applied Biosystems Globalfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 4 were amplified using AmpFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 4 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile.
44UYDL	Please note that items 3 and 4 were also tested using the Minifiler and Globalfiler DNA profiling test kits. The results obtained were consistent with the Identifier Plus DNA profiling results obtained from items 3 and 4 which are reported in this document.
4DEAJ8	Hematrace results reported with the following statement: A positive blood of human origin result can also be obtained from the hemoglobin of higher primates and the domestic ferret.
4JYE82	NR = No Results

TABLE 8

WebCode	Additional Comments
4RFTA7	Documented artifact observed in K2-1PT_Y. Correspondence from HIDTechSupport indicates a detection of a 71 nucleotide fragment.
4RRDH2	An "NR" in the table of results indicates no results were obtained for the sample at that locus. An "NT" in the table of results indicates that the sample was not tested at that locus.
4T8XLQ	Results reported with stutter filters on. No mito or Y STR analysis performed.
4TAGT2	NR = No result
63V63U	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
67CHP4	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
6AQN2Y	Item 2, Y-STR results: Two alleles (41,42) were detected for DYS518. The 42 allele appears to possibly be a genetic anomaly or an elevated artifact (n+4) peak.
6JVQB3	Drop out of SE33 observed for Item 1.1 and on re-inject. Sample re-cut.
6JXNUQ	Reporting results with stutter filters on.
6KUBFV	NID=No interpretable data. Powerplex Fusion 6C sample processing was conducted on item 3 and item 4. Item 1 was processed by using RapidHit using Global Filer Express and item 2 was processed by using ANDE using FlexPlex. Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate a likelihood ratio on the following propositions: Item 3: 1s_U. Per [Laboratory] policy, STRmix would not be run in casework as item 3 was from the victim (item 1). Statistics run for PT purposes only. Y-screening performed on items 3 and 4.
6PQW8X	NR = No Result. Serology performed by a member of the Forensic Biology Unit. The DNA analyst performed KM testing. Male screen performed by a member of the Forensic Biology Unit. The DNA analyst analyzed the data. HT = Hematrace.
6UP4YM	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.
72DWCZ	NR = No results at this locus.
76UZY3	Possible artifact observed in the Y-STR profile of K2-1PT. JFS Article "Identification of a Novel Polymorphism in the X-Chromosome Region Homologous to the DYS456 Locus" shows support of this peak being an artifact and that the presence has no impact on interpretation of the Y-STR profile.
7JVGX	NR = no typing results. Reported results: Assuming bi-allelic donors with no null alleles (GlobalFiler) and assuming no genetic anomalies (YFiler Plus). For Item 2;YFiler Plus results - a 42 at DYS518 was detected, but could potentially be elevated N+4 stutter, therefore, not reported.
7NTWZ	NR = No Result
7QTB2G	Analyzed with stutter filters on
7RDQQK	For Item 2, the typing results for the D16S539 system using the Fusion 6C and Identifiler Plus kits are both 11,12; whereas, the typing result obtained using the Minifiler kit is 12.
7TYVMW	NR = no results

TABLE 8

WebCode	Additional Comments
7ZM9WW	peak consistent with documented artifact at DYS456
86AZKY	No DNA analysis performed; only body fluid screening results will be reported.
86GG6X	Item 4 - Limited support for exclusion of Victim (Item 1). Item 4 - Limited support for exclusion of Suspect (Item 2). The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
88FULV	NR = No Results. Male screen analysis and KM testing on both items 3 and 4 were performed by the DNA Analyst. All other screening tests, including an additional KM testing for item #3, was performed by a qualified Forensic Biologist.
8FFAC3	NR = No Result
8G89Q2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
8HXZF8	ND = Alleles not detected.
8PYE29	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.
8ZWCN9	Extraction: Item 1 and Item 2 were extracted using chelex extraction method while Item 3 and Item 4 were extracted using Promega DNA IQ purification kit on TECAN FREEDOM EVO. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler for Item 1, Item 2, Item 3 and Item 4 and Y-Filer for Item 2 and Item 4 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.
93VHRX	YSTR analysis was not conducted on Item 3 due to the quantitation result.
99NFP2	Peak at ~70bp at DYS456 observed as a possible artifact outside the read range.
9CNL7T	NR=no results
9FNCF9	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy.
9MP6P9	only qualified to do known standard analysis, so therefore did not work items 3 and 4.

TABLE 8

WebCode	Additional Comments
9XKWU8	Extraction: Item 1 and Item 2 were extracted using Chelex extraction method. Item 3 and Item 4 were extracted using Promega DNA IQ purification kit via Tecan Freedom EVO 150 HID Evolution Platform. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using Applied Biosystems Globalfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 4 were amplified using AmpFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 4 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile.
AB7Y2J	reporting results with stutter filters on
ACHRZR	NR = No Results
ACZMJE	reporting results with stutter filters on
APUWBU	Item 2 Y-STR amplification-Additional uncalled allele present before DYS456 (~71bp), artifact documented in literature.
APVULP	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
AQKFWR	ND: NOT DETECTED
AUX8YE	reporting results with stutter filters on
AXWJUE	reporting results with stutter filters on
B6GY7N	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
BKWZ2U	Analyst aliquoted items 1 and 2 per [Laboratory] SOP and drafted a screening laboratory report. Discontinued processing of items 1a and 2a. Items 3 and 4 not tested due to analyst not being qualified.
BXLQ8R	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
C33DUM	NR = no DNA typing results obtained for this locus.
C74GJN	Analyst is only authorized for serological reporting, so serology results only are reported.
CBQJYF	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.
CEPUVF	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
CG7RW7	Complete male profile obtained from Item 4 would be suitable for permanent inclusion on the National DNA Database. In my opinion, the complete DNA profiles obtained from item 3 and item 4 originated from the tested blood.
D77R9K	Test completed for DNA testing only - analyst is not trained in serology. Serological analysis performed by [Name]. [Name] 3/1/22
DPYQJP	In the Y-STR results for Item 2 there was a possible artifact observed at ~70 bp by the DYS456 locus.
DQTMVQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
DTX9CB	reporting with stutter filters on
DUQGMV	NR = No results
EDWWER	Interpretation and reporting only by this DNA Analyst. All other testing performed by another qualified DNA Analyst. [Name] 02/16/22.
EF46QW	Documented artifact observed in K2-1PT_Y. Correspondence from HIDTechSupport indicates a detection of a 71 nucleotide fragment.
EK66BM	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
EMLKCE	Reporting results with stutter filters on.
ERHDCP	NR = No Results. Male screen test performed by qualified forensic biologist. Male screen interpreted by reporting analyst. KM screen performed by qualified bench technician. DYS391 Concordant between Yfiler Plus and Globalfiler.
EXBDVQ	Item 2 - has very high n+4 stutter at D2S1338 for allele 19 (20 is stutter peak). Possible tri-allele or high stutter.
EYLYPY	Exhibit 1, known blood from the female victim, was not amplified since the only kit used for amplification was PowerPlex Y23. No autosomal STR amplification was done. Therefore, no interpretation was made in relation to exhibit 1. The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4.
FA3C49	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.
FDRU6D	reported with stutter filters on
FGVPNF	Reporting results with stutter filters on.
FM33YL	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component
FMZ63P	NR = No Results
FRCT3L	Analyst performs data analysis using GeneMapper but does not perform data interpretation or reporting.

TABLE 8

WebCode	Additional Comments
FUHYC7	Analyzed with stutter filters on
G4M7R7	Genotypes reported with stutter filters on
G7WZYR	(1) Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: Suspect (Item 2), D2S1338, allele 20. (2) Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
G8YT7Q	NT = Not tested. NR = No result.
GL737E	reporting with stutter filters on
GW7GHX	The following statement will be put in the report. Blood was identified that is indicative of human origin. A positive blood of human origin result can also be obtained from the hemoglobin of higher primates and the domestic ferret.
H9C7GL	Not released for DNA analysis. Items 1 and 2 (knowns) not analyzed. Only released to perform serology. Serological analysis performed on Items 3 and 4.
HCT9QC	reporting results with stutter filters on.
HGM83M	Item 1 and Item 2 were not analyzed. I am trained in serology testing only, so DNA analysis was not performed.
HUGJT8	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.
HUUR9F	PPFusion and Minifiler were performed on Item 1. Results were concordant for all overlapping loci. PPFusion, Yfiler, and Modified Yfiler (LCNY) were performed on Item 2. Results were concordant for all overlapping loci. PPFusion and Minifiler were performed on Item 3. Results were concordant for all overlapping loci. PPFusion, Yfiler, and Modified Yfiler (LCNY) were performed on Item 4. Results were concordant for all overlapping loci. NR = No Results.
JEXRYR	For Y-STR analysis of Item 2, left the 42 at DYS518 as a peak. Unclear if could be elevated N+4 stutter or if true peak so left as called peak in data.
JJT6XF	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
JLL627	Additional testing of Item 3 and Item 4 was undertaken using the MiniFiler DNA test and Identifiler Plus at 34 cycles. The profiling results obtained from Item 3 and Item 4 after MiniFiler DNA testing and 34 cycle (LCN) Identifiler Plus analysis agreed with the results obtained by 28 cycle Identifiler Plus DNA testing at corresponding loci.
JPVTF3	NR = No Results
K2BEHG	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.

TABLE 8

WebCode	Additional Comments
K6BPDG	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
KC7L8K	NR = no result. Y-STR analysis not performed on item 1 (female victim known).
KJPZUQ	Possible documented artifact at ~70-71 bp observed at DYS456 in the YSTR electropherogram for item K2.
KLX7FR	No interpretations made for items 1 and 3 because no DNA profiles generated from these items. Y-STR genotyping on samples with male DNA only (2 and 4). Item 4: Inconclusive AP test due to difficulty in accurately detecting a color change as a result of the substrate color.
KNPZK9	Items 3 and 4 were also tested using Minifiler. The DNA results were consistent with those obtained from the Identifiler Plus amplification.
KYE62K	NR = no results
L9KCGK	NR=No results
LBARVL	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.
LEBMQH	NR means No results
LEUGJ6	For control sample from male suspect (Item 2), discrepancies in DNA types observed: PowerPlex Fusion 6C and Identifiler Plus gave 11,12 for D16S539 however Minifiler gave 12,12. Report results from Fusion 6C.
LEUJ3H	NR = No Results
LG4GK7	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.
LQ3BLH	Item 2 - Uncalled artifact present outside the range of DYS456 (~70 bp).
LXLGJN	Artifact at DYS456 documented in literature
M3LYTF	NR = no results
MTNJF4	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
MW9HLK	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
N34VRE	NR =No Results. Y-STR was not performed on the female known (item 1).
N4F32G	No DNA analysis performed, only body fluid screening results will be reported.
N8H9W8	The Yfiler Plus typing results at DYS18 for item 2 has a 42 allele in an n+4 stutter position that is reproducible at approximately 13% of the 41 allele. Due to the height of the 41 allele and the peak height ratio between the 41 and 42 alleles a 41,42 was reported for this locus.
N8HE3U	Minifiler results obtained from Item 3 were concordant with Globalfiler results. Additional loci are X-chromosomal loci from the ArgusX-12 kit. Amelogenin and D21S11 results obtained from Items 1 - 4 were concordant with Globalfiler results. HV2 length heteroplasmy detected in Item 4.
NFB9YL	42 allele at DYS518 in Item 2 is less intense but above analytical threshold
NPKUQF	NR = no result. Serological testing by Forensic Biologist. DNA analyst performed KM. Male screen performed by Forensic Biologist and analyzed by DNA analyst.
NPZD9R	Minifiler results were concordant for overlapping loci with Globalfiler results for Item 4. Argus X-12 results were concordant for overlapping loci with Globalfiler results for Items 1, 2, 3 and 4.
NQYJPL	The following STR and Y-STR DNA profiles have been entered into the COmbined DNA Index System (CODIS) database in accordance with local, state, and national regulations where regular searches will be performed: the reference DNA profile from the Victim (EX 01-1), the reference DNA profile from the suspect (EX 02-1), and the blood stain from the window curtain (EX 04-1).
NXZVPP	Apparent blood was detected on the victim's shirt and on the window curtain. Semen was not detected on the victim's shirt or on the window curtain. No DNA foreign to the victim was detected in the apparent bloodstain from the victim's shirt. The suspect was eliminated as the source of this DNA. A male DNA profile was obtained from the apparent bloodstain on the window curtain. The suspect and victim were eliminated as the source of this DNA.
P2DVHA	NID = No interpretable data. Inclusions and exclusions were conducted by the analysts outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio for the following: Item 3- Proposition: 1s_U. Per [Laboratory] policy, STRmix would not be run in casework as Item 3 was from the victim (Item 1). Statistics run for PT purposes only. Potential dropout at D10 was observed for Item 1; did not use loci for comparisons.
P3NX9F	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
P7KURA	Fusion/Yfiler testing was performed on Items 1 - 4. Results were concordant at DYS391 for all tested items. NR = No results obtained.
P99RBE	Y-STR analysis was not performed on Items 1 and 3 due to no male DNA being detected using QuantTrio.
PCVEZL	The following exhibit was inconclusive for the presence of Acid Phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4. Exhibits 1 and 3 were not processed for Y-STRs because no male DNA was detected. No interpretation was made concerning these exhibits.
PK38ZF	Y-STR DNA Analysis not performed on female victim known (Item 1). NR= No Results.

TABLE 8

WebCode	Additional Comments
PV43AR	Extraction: Item 1 and Item 2 were extracted using chelex method. Item 3 and Item 4 were extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI Quantstudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 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 (GlobalFiler kit). Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 4 (Y-Filer kit). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Represent non-male profile.
PZGEDZ	Reporting results with stutter filters on.
Q32T8R	Items 3 and 4 were profiled to confirm correct results were obtained by the assigned scientist who is qualified in extraction through CE but not in data analysis.
Q67PTB	Employee is authorized through DNA processing, does not compare/report DNA results.
Q7M94E	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
QBDWAK	Artifact observed on Y-STR results from sample K2-1PT (item 2) at locus DYS456. A technical note with identification and description of this artifact was included in the casefile.
QFQMJL	An additional allele was observed at D3 for item 3. Item was interpreted as single source according to laboratory procedure and is not recorded on the final stat sheet, therefore the additional allele was not recorded for item 3.
QGFH6N	ND = Allele(s) not detected.
QK7ZLU	MiniFiler results for Items 3 and 4 were concordant with the overlapping results in GlobalFiler. Argux X results for Items 1, 2, 3 and 4 were concordant with the overlapping results in GlobalFiler and ArgusX. HV2 length heteroplasmy was present in Item 4.
QR3TWA	Probabilistic Genotyping Results: Note: Inclusions and exclusions were conducted by the analyst prior to using the STRmix software. STRmix was used to calculate a likelihood ratio using the following proposition: Item 3: 1s_U. **NID: No Interpretable Data.
QY2HBT	no interpretation/comparisons were performed on this test. Used for D2D (direct to DNA) testing only.
QZV7UN	The following statement is reported with a positive human origin test: Blood was identified that is indicative of human origin. A positive blood of human origin result can also be obtained from the hemoglobin of higher primates and the domestic ferret.
RVWAL9	GMIDX analysis was performed with stutter filters on. This laboratory does not perform Y-STR or mitochondrial DNA analysis.
T9YLDM	NT: Not tested. ND: Allele(s) not detected.
TB6MGB	NR = No results. Male screen testing was completed by a member of the Forensic Biology unit. The male screen testing results were analyzed by this analyst.
TDEGCB	Documented artifact at DYS456 in the Y-STR results for item K2
TELBXW	For Part I, Screening Tests [Table 1: Serology Screening Results], testing was performed only to determine if a differential extraction was needed.
TKFRMA	ND = Not Detected

TABLE 8

WebCode	Additional Comments
TZ2Z3E	NR = No results. Semen screening consisted of Acid Phosphatase (AP) testing only, with negative results for Items 3 and 4. Reported conclusion was that the presence of AP was not detected from the questioned stains (Items 3 and 4).
UMCKE6	NR = No Result. Concordance at DYS391 with Global Filer & Yfiler for Item 2 and Item 4.
UNPVR	NR= No result
UUVKDQ	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 4 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.
UV27J4	NR=no results. Item 4 was processed in PowerPlex Fusion and MiniFiler. PowerPlex Fusion and MiniFiler are concordant. Item 2 and item 4 were processed in PowerPlex Fusion and YFiler. PowerPlex Fusion and YFiler are concordant for both samples.
V72YQ9	In Item 2 for Yfiler Plus, a 42 peak was detected above the forward stutter threshold for our laboratory. This peak is consistent with and was interpreted as elevated forward stutter, although it could possibly be a duplication; either way, this does not affect the interpretations.
VC4QRW	Stutter filters turned on
VEJUYY	For Item 2, the typing results for the D16S539 system using the Fusion 6C and Identifiler Plus kits are both 11,12; whereas, the typing result obtained using the Minifiler kit is 12.
VMYF7D	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results. Observed elevated forward stutter peak at DYS635 for Item 4.
W24MZ8	HS = Hemastix. TK = Takayama. Item 1 was not analyzed with YFiler Plus because it is a female known sample.
WHFUM6	NR=NO RESULT
WQ7FR4	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
WUPPGU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
WXMZPN	NR = no result
WZCE26	An artifact was observed in the Y-STR profile for sub-item K2-1PT at ~ 70.89 bp, to the left of the DYS456 locus. A technical note regarding this artifact is available in the Journal of Forensic Science article "Identification of a Novel Polymorphism in the X-Chromosome Region Homologous to the DYS456 Locus".
X3DXM4	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.

TABLE 8

WebCode	Additional Comments
X4TVF3	This lab does not conduct mtDNA testing or Y-STR DNA testing. Reporting all results with stutter filters on.
XHCVVU	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.
XWCJZG	The following statement is reported for blood in our Laboratory. Blood was identified that is indicative of human origin. A positive blood of human origin result can also be obtained from the hemoglobin of higher primates and the domestic ferret.
Y2394R	For item 2: The typing results of D16S539 from Fusion 6C and Identifiler Plus was 11, 12. The typing results of D16S539 from MiniFiler was 12. In this test, the typing results of D16S539 from Fusion 6C was reported.
Y97B9R	Item 4: Artifact/True Alleles struck due to pull up: DYS391, DYS390, DYS456.
YE39HM	reporting results with stutter filters on
YNCB4N	reported with stutter filters on
YR9YKV	Reporting results with stutter filters on.
YVRNR9	The Y-STR analysis of Item 2 (suspect's standard) had two peaks at DYS518: one large peak at 41 and another smaller peak at 42. After consideration for possible forward stutter from the 41 peak, there was still > 100 RFU left of the peak which, by our current laboratory interpretation guidelines, could be interpreted as a true peak. This laboratory does not currently employ parentheses or brackets in Y-STR call sheet documentation so it was not reflected as less intense in the data entry portion of this test.
Z3NDZ3	NR = No Results. Item 1 not analyzed for Y-STRs. No Y-STR DNA profile obtained for item 3. Mitochondrial DNA analysis not performed by this laboratory.
Z9FKJC	I am only released to perform serological analysis, therefore, items 1A (known blood from [Name]) and 1B (known blood from [Name]) were not opened or analyzed.
ZPHRPK	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using CHELEX. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA quantitation kit and carried out by 7500 Real-Time PCR. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFISTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFLSTR 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.
ZXJDYD	NR = No Results. N/A = not applicable.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 22-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 7, 2022, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 9ZJCRJ

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

Scenario:

Police are investigating a homicide involving a female victim found deceased near a broken window in her kitchen. The victim had several injuries to her body and face. The suspect is a male neighbor of the victim. Investigators believe the suspect used the kitchen window to enter the home. Police have apprehended the suspect based on eye witness accounts. Investigators are submitting a stain from the shirt the victim was wearing (Item 3) and a stain from the curtain in front of the broken window (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B1):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

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

Item 4: Questioned stain from window curtain (blue)

Part I: SCREENING TESTS

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

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

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

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

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

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

Part II (continued): DNA Analysis - Mitochondrial DNA

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

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

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

Part III: DNA INTERPRETATION

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

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

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

Part IV: ADDITIONAL COMMENTS

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

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

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

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)