



## **Forensic Biology Test No. 23-5704**

### **Summary Report**

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Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 588 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 set consisted of two known bloodstains on white fabric (Items 1 & 2), and two questioned stains on colored fabric (Items 3 & 4). Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** The stains on Items 1, 2, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain on Item 3 was prepared using a mixture of human whole blood and semen. Item 1 (50  $\mu$ L) and Item 4 (50  $\mu$ L) were created using blood from the same female donor. Item 2 (50  $\mu$ L) was created using blood from a male donor. Item 3 (50  $\mu$ L) was created using a 1:1 mixture of blood from the female donor used in Item 1 and semen from the male donor whose known standard was not provided. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on July 03, 2023 following completion of the verification stage.

**SAMPLE SET ASSEMBLY:** For each sample set, all Items (1-4) were packaged into separate envelopes and then placed together in a pre-labeled sample set envelope and sealed. The sealed sample set 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

<b>Amelogenin and STR Results</b>						
Results compiled from predistribution laboratories and a consensus of at least 10 participants.						
Item	<b>D1S1656</b>	<b>D2S1338</b>	<b>D2S441</b>	<b>D3S1358</b>	<b>D5S818</b>	<b>D6S1043</b>
	<b>D7S820</b>	<b>D8S1179</b>	<b>D10S1248</b>	<b>D12S391</b>	<b>D13S317</b>	<b>D16S539</b>
	<b>D18S51</b>	<b>D19S433</b>	<b>D21S11</b>	<b>D22S1045</b>	Amelogenin	<b>CSF1PO</b>
	<b>FGA</b>	<b>Penta D</b>	<b>Penta E</b>	<b>SE33</b>	<b>TH01</b>	<b>TPOX</b>
	<b>vWA</b>	<b>DYS391</b>	<b>DYS570</b>	<b>DYS576</b>	<b>Y Indel</b>	
1	11,15.3	17,22	10,14	17,18	11,12	*
	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	NM	NM	NM	NM	
2	14,17	19,22	11,14	15,16	8,11	*
	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18	2	
3-Blood	11,15.3	17,22	10,14	17,18	11,12	*
	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	NM	NM	NM	NM	
3-Semen	16,16.3	17,17	10,15	15,16	12,12	*
	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18	2	
4	11,15.3	17,22	10,14	17,18	11,12	*
	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	NM	NM	NM	NM	

<b>YSTR Results</b>									
Results compiled from predistribution laboratories and a consensus of at least 10 participants.									
Item	<b>DYF387S1</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>
	<b>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS449</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS460</b>	<b>DYS481</b>
	<b>DYS518</b>	<b>DYS533</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS627</b>	<b>DYS635</b>	<b>DYS643</b>	<b>YGATAH4</b>
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11	13	17	18	22	21	9	11
3-Semen	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	12	17	18	24	23	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**

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
<b>1</b>	<b>15-400</b>	<b>16024-16410</b>
<b>2</b>	<b>15-400</b>	<b>16024-16410</b>
<b>4</b>	<b>30-389</b>	<b>16024-16400</b>

#### **Deviations HVR-II, HVR-I**

*Note: The results provided below are based on a population of less than 10 participants. The base deviations presented here are the consensus results reported by the full population of 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	263.0	16183.0	16189.0	16217.0	16311.0
<b>ITEM 1</b>	G	G	C	C	C	C

	93.0	95.0	185.0	189.0	236.0	247.0	263.0	16129.0	16148.0	16168.0	16172.0	16187.0	16188.0	16189.0	16218.0	16223.0	16230.0	16278.0	16293.0	16311.0	16320.0
<b>ITEM 2</b>	G	C	A	G	C	A	G	A	T	T	C	T	G	C	T	T	G	T	G	C	T

	73.0	263.0	16183.0	16189.0	16217.0	16311.0
<b>ITEM 4</b>	G	G	C	C	C	C

## Summary Comments

The 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 & 2) and two "questioned" stains (Items 3 & 4). Item 1 and Item 4 were created using blood from the same female donor. Item 2 was created using blood from a male donor. Item 3 was created using a mixture of blood from the female donor used in Item 1 and semen from the male donor whose known standard was not provided. (See Manufacturer's Information for preparation details)

Data were returned by 588 participants.

### Screening Test Results

Screening results for body fluids (blood, semen, saliva) were returned by a total of 552 participants. However, not all of these participants returned screening results for each fluid type for both questioned items.

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

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

### DNA Analysis

For STR results, the majority of participants reported consistent results. Thirty-five participants reported inconsistent results for one or more items. A majority of inconsistent results were identified for Item 3, in which participants were missing alleles from more than one locus.

For YSTR results, all but ten participants reported consistent results. A majority of these participants reported additional alleles compared to the consensus for Item 3e and Item 3sp.

### DNA Interpretations

Of the 570 participants that returned DNA results, 566 reported DNA interpretations. Four participants selected the "No Interpretation" option for each conclusion.

For Item 3, all but eleven participants included the victim (Item 1) as a possible contributor to the stain. Of the remaining participants, ten excluded the victim and were missing alleles at one or more loci compared to the consensus. The additional participant reported "Inconclusive." Additionally, all but one participant excluded the suspect (Item 2) as a possible contributor to the stain. The remaining participant reported "Inconclusive."

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

## Key for Screening Tests Used

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

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

# Serology Screening Results

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

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
24CVBT	Pos KM	Pos KM
2723VP	Pos KM	Pos KM
273EJZ	Pos HemaTrace	Pos HemaTrace
2DUR49	Pos PTMB	Pos PTMB
2EPH82	Pos KM	Pos KM
2EUEPX	Pos KM	Pos KM
2HW9VF	Pos Hemastix(TMB), HemaTrace	Pos Hemastix(TMB), HemaTrace
2HXN4T	Pos Hemastix	Pos Hemastix
2KDU8B	Pos LMG	Pos LMG
2LZG8Z	Pos KM, HemaTrace	Pos KM, HemaTrace
2MF6WC	Pos KM	Pos KM
2MTA3J	Pos TMB, HemDirect	Pos TMB, HemDirect
2NZPBA	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
2R2478	Pos KM	Pos KM
2RFWFF	Pos KM	Pos KM
2T7F9W	Pos PTMB	Pos PTMB
2W8EPF	Pos PTMB	Pos PTMB
2XGET3	Pos PTMB	Pos PTMB
2ZCRFZ	Pos KM, O-tol	Pos KM, O-tol
2ZTREX	Pos LMG, HemaTrace	Pos LMG, HemaTrace
32BBJA	Pos KM	Pos KM
32MQEF	Pos KM, HemaTrace	Pos KM, HemaTrace
332MVZ	Pos KM	Pos KM
34YDBL	Pos PTMB	Pos PTMB
366E7L	Pos TMB	Pos TMB
38RKE3	Pos LMG	Pos LMG
396MAW	Pos KM	Pos KM
39HGCG	Pos LMG	Pos LMG
3A6FCB	Pos KM	Pos KM
3C76DB	Pos KM and HemaTrace	Pos KM and HemaTrace
3CKUCG	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3DMAE9	Pos KM, HemaTrace	Pos KM, HemaTrace
3FQQ8Q	Pos Hemastix	Pos Hemastix
3GY6TR	Pos KM	Pos KM
3P4WN9	Pos KM, HemaTrace	Pos KM, HemaTrace
3RPQB2	Pos PTMB	Pos PTMB
3V2ECE	Pos KM	Pos KM
42HCD8	Pos LMG, HemaTrace	Pos LMG, HemaTrace
444F9C	Pos KM	Pos KM
46AKA9	Pos KM	Pos KM
4728K7	Pos KM	Pos KM
48E2RC	Pos PTMB	Pos PTMB
4AACTC	Pos KM	Pos KM
4AN78L	Pos PTMB	Pos PTMB
4AP2WJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
4CGLPF	Pos KM, HemaTrace	Pos KM, HemaTrace
4D4P4A	Pos KM	Pos KM
4H4GLD	Pos KM	Pos KM
4K7RCG	Pos LMG	Pos LMG
4LWJ2M	Pos Hemastix	Pos Hemastix
4LYPH2	Pos KM	Pos KM
4PAYA7	Pos TMB	Pos TMB
4PJ7ZU	Pos KM	Pos KM
4QRUGG	Pos RSID – Rapid Stain Identification of Human Blood	Pos RSID – Rapid Stain Identification of Human Blood
4UKKB6	Pos KM	Pos KM
4V924Z	Pos KM	Pos KM
4WEH7C	Pos KM	Pos KM
4WT3G9	Pos KM, HemaTrace	Pos KM, HemaTrace
4XZFRW	Pos LMG	Pos LMG
4YNUUN	Pos KM	Pos KM
4Z93R2	Pos KM	Pos KM
629YXV	Pos KM	Pos KM
63R6PD	Pos KM	Pos KM
68K69F	Pos KM	Pos KM



TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
699AEM	Pos PTMB	Pos PTMB
6B8CDG	Pos KM	Pos KM
6C3CXT	Pos PTMB	Pos PTMB
6DT9VF	Pos TMB	Pos TMB
6GRY6T	Pos Dark red, HemDirect, O-tol	Pos Dark red, HemDirect, O-tol
6K4DMM	Pos KM	Pos KM
6KVM63	Pos KM	Pos KM
6P372W	Pos TMB, HemaTrace	Pos TMB, HemaTrace
6QCWPL	Pos LMG	Pos LMG
6UBQM9	Pos KM	Pos KM
6YQYDT	Pos KM	Pos KM
6Z48JF	Pos KM	Pos KM
726Q99	Pos KM, HemaTrace	Pos KM, HemaTrace
72CRQF	Pos O-tol	Pos O-tol
73RCV6	Pos KM	Pos KM
74W68P	Pos PPTH, O-tol, HemDirect	Pos PPTH, O-tol, HemDirect
74WM7Y	Pos KM/TMB	Pos KM/TMB
78RPRU	Pos KM	Pos KM
7AKG2F	Pos LMG	Pos LMG
7CDYNZ	Pos KM	Pos KM
7CPC3Q	Pos KM	Pos KM
7FT7T8	Pos KM	Pos KM
7GG98K	Pos Blood forensic test kit	Pos Blood forensic test kit
7K4RNE	Pos TMB, HemDirect	Pos TMB, HemDirect
7M47UQ	Pos PTMB	Pos PTMB
7N4F8M	Pos KM	Pos KM
7QYGFJ	Pos TMB, Hemdirect	Pos TMB, Hemdirect
7WGPYA	Pos TMB	Pos TMB
7XQFLB	Pos KM	Pos KM
7ZJRK6	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
8384A8	Pos PTMB	Pos PTMB
84EGNA	Pos KM, HemaTrace	Pos KM, HemaTrace
86F9YP	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
87F2AY	Pos KM, TMB	Pos KM, TMB
8B66QF	Pos O-tol	Pos O-tol
8FCQED	Pos KM, HemaTrace	Pos PH, HemaTrace
8GHY2V	Pos KM	Pos KM
8HCLW8	Pos KM	Pos KM
8HEK4G	Pos TMB, HemDirect	Pos TMB, HemDirect
8K9VAM	Pos PTMB	Pos PTMB
8L8WGZ	Pos KM, HemaTrace	Pos KM, HemaTrace
8MMK6R	Pos KM	Pos KM
8N67YB	Pos KM	Pos KM
8PNCTD	Pos KM	Pos KM
8Q8GZW	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
8TXAN9	Pos KM	Pos KM
8TXPZZ	Pos KM	Pos KM
8VLJZU	Pos KM	Pos KM
8WELGH	Pos TMB, HemDirect	Pos TMB, HemDirect
8Y4T2F	Pos TMB, HemDirect	Pos TMB, HemDirect
8YNFRB	Pos KM	Pos KM
8ZUPET	Pos KM	Pos KM
92FC7X	Pos KM, TMB	Pos KM, TMB
92J9LL	Pos KM	Pos KM
92N3P8	Pos TMB, HemDirect	Pos TMB, HemDirect
93UKDG	Pos KM	Pos KM
976WT4	Pos KM	Pos KM
98XM3P	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
9AH8J8	Pos TMB, HemDirect	Pos TMB, HemDirect
9BV8T2	Pos LMG	Pos LMG
9EZUNJ	Pos PTMB	Pos PTMB
9GGRPA	Pos TMB	Pos TMB
9H82FC	Pos KM	Pos KM
9J4W39	Pos KM	Pos KM
9LAX2Q	Pos KM	Pos KM
9QVWBL	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9RGDXU	Pos KM	Pos KM
9VMAPV	Pos KM	Pos KM
9W8EUT	Pos TMB, HemaTrace	Pos TMB, HemaTrace
9XBLNZ	Pos KM	Pos KM
A2YDNT	Pos KM, TMB	Pos KM, TMB
A42CUW	Pos KM, HemaTrace	Pos KM, HemaTrace
A92BQ9	Pos TMB, HemDirect	Pos TMB, HemDirect
A9E2GA	Pos KM	Pos KM
ACVGNX	Pos KM, HemaTrace	Pos KM, HemaTrace
AKCKWQ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
AN624J	Pos PTMB	Pos PTMB
ANGNUR	Pos KM	Pos KM
ANTD6Q	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
AUKMBJ	Pos KM	Pos KM
AURZJK	Pos PTMB	Pos PTMB
AVCBHX	Pos KM	Pos KM
AVXZ78	Pos KM	Pos KM
AVYB63	Pos KM	Pos KM
AW9VW7	Pos KM	Pos KM
AWW2EK	Pos Hemastix	Pos Hemastix
AXHFE8	Pos KM	Pos KM
AXUWAE	Pos KM	Pos KM
AY6RKK	Pos KM	Pos KM
B2AR74	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
B7H8LT	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
B7LKG3	Pos KM, HemDirect	Pos KM, HemDirect
B7PMGD	Pos KM	Pos KM
BCNPB8	Pos PTMB	Pos PTMB
BDNYP4	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
BEQFRF	Pos Hemastix	Pos Hemastix
BFFMZR	Pos KM, HemaTrace	Pos KM, HemaTrace
BGLBZP	Pos PH, HemaTrace	Pos PH, HemaTrace
BJG84W	Pos TMB, RSID	Pos TMB, RSID

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BMTBHT	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BRAKX4	Pos KM	Pos KM
C32JXM	Pos LMG; HemaTrace	Pos LMG; HemaTrace
C4RCMR	Pos KM, HemDirect	Pos KM, HemDirect
C7WTW	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
C9YDGN	Pos KM	Pos KM
CAR4RA	Pos KM	Pos KM
CBTHN6	Pos O-tol, HemDirect (RSID)	Pos O-tol, HemDirect (RSID)
CDAZBY	Pos KM, HemaTrace	Pos KM, HemaTrace
CDFABC	Pos KM	Pos KM
CE4TTB	Pos KM	Pos KM
CKKC3C	Pos KM	Pos KM
CLKLKG	Pos Hemastix	Pos hemastix
CN6VYM	Pos KM	Pos KM
CNQRHV	Pos KM	Pos KM
CQM4TF	Pos LMG	Pos LMG
CR6KG2	Pos KM	Pos KM
CRMXUQ	Pos KM, TMB	Pos KM, TMB
CRREB7	Pos KM	Pos KM
CTTE2D	Pos PTMB	Pos PTMB
CWLPLB	Pos KM, HemaTrace	Pos KM
D2QHPZ	Pos TMB, HemDirect	Pos TMB, HemDirect
DCE8V2	Pos KM	Pos KM
DF7XXH	Pos KM	Pos KM
DFZCZW	Pos PTMB	Pos PTMB
DHTU7A	Pos KM, HemaTrace	Pos KM, HemaTrace
DK9RD2	Pos Hexagon OBTI	Pos Hexagon OBTI
DKG76E	Pos KM, HemaTrace	Pos KM, HemaTrace
DKGQL2	Pos KM, HemaTrace	Pos KM, HemaTrace
DLUXXV	Pos KM, HemaTrace	Pos KM, HemaTrace
DRXPF2	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
DT3YXR	Pos ALS, LMG, TMB, RSID	Pos ALS, LMG, TMB, RSID
DUN26Y	Pos LMG	Pos LMG,

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DV2W48	Pos KM	Pos KM
DXQC7N	Pos Hemochromogen	Pos Hemochromogen
DY6JQK	Pos KM	Pos KM
E426BQ	Pos KM	Pos KM
E6EMH3	Pos KM	Pos KM
E7TYEL	Pos KM, HemaTrace	Pos KM, HemaTrace
ECM2QR	Pos PTMB	Pos PTMB
EDZF89	Pos TMB, HemDirect	Pos TMB, HemDirect
EJN9D8	Pos O-tol, HemaTrace	Pos O-tol
EKJL9L	Pos KM, HemaTrace	Pos KM, HemaTrace
EKLV7J	Pos PTMB	Pos PTMB
EPX6K3	Pos KM	Pos KM
EVMERK	Pos KM, HemaTrace	Pos KM, HemaTrace
EY9WA6	Pos PTMB	Pos PTMB
EYYJUJ	Pos KM	Pos KM
F3B9RG	Pos O-tol	Pos O-tol
F88CL2	Pos KM	Pos KM
FA7ARG	Pos KM	Pos KM
FAN4RQ	Pos KM	Pos KM
FCYNDT	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FFH437	Pos KM	Pos KM
FFKMDN	Pos TMB, Hemdirect	Pos TMB, Hemdirect
FGUPYM	Pos TMB, HemDirect	Pos TMB, HemDirect
FHM3K7	NT	Pos KM
FJ32GN	Pos TMB, HemDirect	Pos TMB, HemDirect
FJ7VMU	Pos LMG	Pos LMG
FKN3UW	Pos PTMB	Pos PTMB
FPMJXX	Pos KM	Pos KM
FPT6X8	Pos O-tol, HT	Pos O-tol, HT
FW9CAW	Pos KM	Pos KM
FZA4EW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
G3C9J4	Pos KM	Pos KM
G6VD3Y	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
G8MATE	Pos TMB, HemDirect	Pos TMB, HemDirect
G8UY8H	Pos PTMB	Pos PTMB
G8YBVE	Pos LMG	Pos LMG
G9XCED	Pos TMB	Pos TMB
GAAVFA	Pos TMB, HemDirect	Pos TMB, HemDirect
GD784Z	Pos LMG	Pos LMG
GFX4LG	Pos KM	Pos KM
GKMUPP	Pos Visual, KM, HT	Pos Visual, KM, HT
GL63GK	Pos TMB, HemDirect	Pos TMB, HemDirect
GLX6MM	Pos PTMB	Pos PTMB
GM7GXX	Pos PTMB	Pos PTMB
GM7H34	Pos PTMB	Pos PTMB
GN8JD9	Pos KM	Pos KM
GRB7ER	Pos LMG	Pos LMG
GTEQLT	Pos KM	Pos KM
GUUKHR	Pos LMG, HemaTrace	Pos LMG
GUXB3C	Pos TMB, HemDirect	Pos TMB, HemDirect
GVEZ9F	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
GXGMKE	Pos KM	Pos KM
GXPW3K	Pos KM, HemaTrace	Pos KM, HemaTrace
H4A9JY	Pos PTMB;HemDirect	Pos PTMB;HemDirect
HABZHP	Pos KM	Pos KM
HAD8ZQ	Pos Hstx, HTrace	Pos Hstx, HTrace
HBHK46	Pos TMB, HemDirect	Pos TMB, HemDirect
HCTAJB	Pos TMB, HemDirect	Pos TMB, HemDirect
HDEAZA	Pos Hexagon	Pos Hexagon
HFB47F	Pos HemDirect, red color	Pos HemDirect, red color
HH9372	Pos KM, HemaTrace	Pos KM, HemaTrace
HHHGRN	Pos KM	Pos KM
HK6LF9	Pos TMB	Pos TMB
HK6N3R	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
HND2GQ	Pos KM, HemaTrace	Pos KM, HemaTrace
HNZHML	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HTG6XY	Pos KM	Pos KM
HUHX3C	Pos KM	Pos KM
HVF23E	Pos PTMB	Pos PTMB
HWHQM4	Pos TMB, HemDirect	Pos TMB, HemDirect
HZ8FLU	Pos KM, Hemdirect	Pos KM, Hemdirect
J27Q64	Pos LMG	Pos LMG
JA4HNJ	Pos KM	Pos KM
JAHGU8	Pos KM	Pos KM
JDGCAE	Pos KM, HemaTrace	Pos KM, HemaTrace
JEYA2M	Pos TMB, HemDirect	Pos TMB, HemDirect
JGZFCL	Pos KM, HemDirect	Pos KM, HemDirect
JJQQ3E	Pos KM	Pos KM
JPEU6W	Pos KM	Pos KM
JPXKCV	Pos KM, HemaTrace	Pos KM, HemaTrace
JRN3U4	Pos KM, Takayama, HemaTrace	Pos KM, Takayama, HemaTrace
JVJM9Z	Pos TMB, HemaTrace	Pos TMB, HemaTrace
JWVLLG	Pos KM and HemaTrace	Pos KM amd HemaTrace
JXRP6W	Pos KM, HemaTrace	Pos KM, HemaTrace
JYAKDC	Pos PTMB	Pos PTMB
K637DW	Pos KM, HemaTrace	Pos KM, HemaTrace
K72Y83	Pos TMB, HemDirect	Pos TMB, HemDirect
K7JQE3	Pos TMB	Pos TMB
K8RHC3	Pos KM, HemaTrace	Pos KM, HemaTrace
K98Y9F	Pos KM	Pos KM
K998J9	Pos Hemastix	Pos Hemastix
KB729R	Pos LMG, HemaTrace	Pos LMG, HemaTrace
KBAT8L	Pos LMG	Pos LMG
KDZWX8	Pos KM	Pos KM
KE3KQT	Pos KM, HemaTrace	Pos KM, HemaTrace
KGHTD4	Pos TMB, HemDirect	Pos TMB, HemDirect
KKTZEZ	Pos ABACard HemaTrace	Pos ABACard HemaTrace
KMKCFF	Pos TMB	Pos TMB
KMQH7Q	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KMRVT7	Pos Hemastix	Pos Hemastix
KN8JEC	Pos KM, HemaTrace	Pos KM, HemaTrace
KNTVGR	Pos PTMB	Pos PTMB
KNY928	Pos KM	Pos KM
KPABM7	Pos KM	Pos KM
KPLZMK	Pos KM	Pos KM
KRYH83	Pos KM	Pos KM
KT2EH6	Pos KM	Pos KM
KT9GAU	Pos KM, HemaTrace	Pos KM, HemaTrace
KVXEPM	Pos LMG	Pos LMG
KX27PP	Pos LMG, HemaTrace	Pos LMG, HemaTrace
KX62HK	Pos KM, TMB	Pos KM, TMB
KYMMBB	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
L788NV	Pos KM	Pos KM
L8A44J	Pos LMG	Pos LMG
L9LKGW	Pos KM, HemaTrace	Pos KM, HemaTrace
L9TPB2	Pos KM, HemaTrace	Pos KM, HemaTrace
LCD48V	Pos KM	Pos KM
LDMJEU	Pos HemaTrace	Pos HemaTrace
LE49WK	Pos LMG	Pos LMG
LGCUXL	Pos LMG and HemaTrace	Pos LMG and HemaTrace
LGV88C	Pos KM	Pos KM
LK892W	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LLNC32	Pos KM	Pos KM
LLXZLU	Pos KM	Pos KM
LMK4DV	Pos KM	Pos KM
LVE98W	Pos KM, HemaTrace	Pos KM, HemaTrace
LZNP6Y	Pos KM	Pos KM
M2E4DA	Pos O-tol	Pos O-tol
M2QVYK	Pos KM	Pos KM
M34D4C	Pos PTMB	Pos PTMB
M3QBNA	Pos KM	Pos KM
M3TEJT	Pos KM	Pos KM



TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
M8P6KY	Pos KM	Pos KM
MBJJ92	Pos KM	Pos KM
MC9YAW	Pos TMB, HemaTrace	Pos TMB, HemaTrace
MFN2TF	Pos KM	Pos KM
MFU9EB	Pos KM	Pos KM
MGZJ8F	Pos KM	Pos KM
MHNQ27	Pos KM	Pos KM
MKTF7Z	Pos TMB	Pos TMB
MLLQ4Z	Pos KM	Pos KM
MPKPDC	Pos KM	Pos KM
MPW2RN	Pos KM	Pos KM
MV8YKJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
MVL3W3	Pos LMG, HemaTrace	Pos LMG, HemaTrace
MW8D9H	Pos KM	Pos KM
MWV22J	Pos KM	Pos KM
MY2GHN	Pos PTMB	Pos PTMB
MZ4Z4R	Pos TMB	Pos TMB
MZ63JN	Pos KM, HemaTrace	Pos KM, HemaTrace
MZP6LB	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
N4NGMN	Pos KM	Pos KM
N6JHL7	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
N6WHJV	Pos TMB	Pos TMB
N9WRRC	Pos TMB, HemDirect	Pos TMB, HemDirect
N9ZNK2	Pos KM	Pos KM
NBENZE	Pos KM	Pos KM
NBEQMX	Pos KM, HemaTrace	Pos KM, HemaTrace
NCR6AL	Pos KM	Pos KM
ND22T8	Pos Hemastix	Pos Hemastix
NDHRL6	Pos PTMB	Pos PTMB
NDKKHR	Pos KM	Pos KM
NDW622	Pos PTMB	Pos PTMB
NFQ2R9	Pos TMB, HemDirect	Pos TMB, HemDirect
NHYMT9	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
NJANE8	Pos KM	Pos KM
NJCGQG	Pos TMB, HemDirect	Pos TMB, HemDirect
NJNN76	Pos PTMB	Pos PTMB
NLYVY4	Pos KM	Pos KM
NMUFNN	Pos KM, HemDirect	Pos KM, HemDirect
NMWL67	Pos KM	Pos KM
NNHH47	Pos PTMB	Pos PTMB
NNQEZP	Pos KM, HemaTrace	Pos KM, HemaTrace
NTFFVN	Pos HemaStix (TMB), HemaTrace	Pos HemaStix (TMB), HemaTrace
NUQ6F3	Pos KM	Pos KM
NZCW6N	Pos KM	Pos KM
NZHUWD	Pos KM	Pos KM
P26JJH	Pos KM	Pos KM
P384UQ	Pos KM	Pos KM
P6RKJJ	Pos O-tol, PMB	Pos O-tol, PMB
P6TQA7	Pos KM	Pos KM
P7M9ZT	Pos TMB, HemDirect	Pos TMB, HemDirect
P8Z4VE	Pos LMG	Pos LMG
PBE7XX	Pos TMB, HemDirect	Pos TMB, HemDirect
PBUJB9	Pos KM	Pos KM
PC44ZQ	Pos KM	Pos KM
PDKRMH	Pos KM	Pos KM
PFBX2N	Pos TMB	Pos TMB
PGKJHU	Pos KM, HemaTrace	Pos KM, HemaTrace
PKG9WF	Pos KM	Pos KM
PKMRVY	Pos KM, HemaTrace	Pos KM, HemaTrace
PMWH9E	Pos KM	Pos KM
PPP3PK	Pos PTMB	Pos PTMB
PTQ84Q	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
PWVPKQ	Pos KM, HemaTrace	Pos KM, HemaTrace
PXQ86A	Pos TMB, HemDirect	Pos TMB, HemDirect
PY37WX	Pos TMB, HemDirect	Pos TMB, HemDirect
PYDZBJ	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Q3CNCR	Pos KM	Pos KM
Q7QHXX	Pos KM	Pos KM
QCPJ2K	Pos KM, HemaTrace	Pos KM, HemaTrace
QHFGM8	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
QJ6QDA	Pos KM	Pos KM
QJL6KK	Pos KM, HemaTrace	Pos KM, HemaTrace
QPU77N	Pos KM, HemaTrace	Pos KM, HemaTrace
QQP6JA	Pos KM,	Pos KM
QRDW26	Pos KM	Pos KM
QRYWC4	Pos KM	Pos KM
QRZV7B	Pos KM	Pos KM
QTKDXP	Pos KM	Pos KM
QW73FH	Pos PTMB	Pos PTMB
QWZU8U	Pos IR, KM, HemaTrace	Pos IR, KM, HemaTrace
QXF8T7	Pos PTMB	Pos PTMB
R6PZFL	Pos KM, HemaTrace	Pos KM, HemaTrace
R6ZY6B	Pos O-tol	Pos O-tol
R7CAZ2	Pos TMB, HemDirect	Pos TMB, HemDirect
RBKJ34	Pos KM	Pos KM
RBXAVV	Pos KM	Pos KM
RDD9RQ	Pos TMB	Pos TMB
RF77BJ	Pos KM, HemaTrace	Pos KM, HemaTrace
RG7FQ2	Pos PTMB	Pos PTMB
RJUYNR	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
RL4N3T	Pos KM, HemaTrace	Pos KM, HemaTrace
RLA4RB	Pos Kastle Meyer	Pos Kastle Meyer
RLGT6T	Pos LMG	Pos LMG
RMJ7HF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RNUDG2	Pos KM	Pos KM
RPCYG6	Pos TMB, HemDirect	Pos TMB, HemDirect
RPM9Y4	Pos TMB, HemDirect	Pos TMB, HemDirect
RTJA4K	Pos KM	Pos KM
RTY9TW	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
RUDLJE	Pos PTMB	Pos PTMB
RUHZAL	Pos TMB, HemDirect	Pos TMB, HemDirect
RVJEBM	Pos KM, HT	Pos KM
RYBCDC	Pos KM	Pos KM
RZV3QV	Pos KM, HemaTrace	Pos KM, HemaTrace
T2869M	Pos KM	Pos KM
T2FLKY	Pos KM, HemaTrace	Pos KM, HemaTrace
T63UHE	Pos TMB, HemaTrace	Pos TMB, HemaTrace
T6ZRJG	Pos KM	Pos KM
TA34TQ	Pos HemoPhan, HemCheck	Pos HemoPhan, HemCheck
TA9U7P	Pos KM, HemaTrace	Pos KM, HemaTrace
TBU2CA	Pos KM	Pos KM
TFYMJX	Pos KM	Pos KM
TKTGGY	Pos KM	Pos KM
TMWD3M	Pos HemaTrace	Pos HemaTrace
TPDWFC	Pos PTMB	Pos PTMB
TQ43TH	Pos PTMB	Pos PTMB
TRQ77Q	Pos KM	Pos KM
TU7QP8	Pos KM	Pos KM
TWNHA3	Pos O-tol	Pos O-tol
TYUZ9Y	Pos TMB	Pos TMB
UDPWR9	Pos KM	Pos KM
UFYRRF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UK3E2M	Pos KM	Pos KM
UKN7WT	Pos KM, HemaTrace	Pos KM, HemaTrace
UQ62K6	Pos KM	Pos KM
UQKD8G	Pos PTMB	Pos PTMB
UR8R6K	Pos KM	Pos KM
URGVD8	Pos KM, TMB	Pos KM, TMB
UUH2KG	Pos KM, HemaTrace	Pos KM, HemaTrace
UUWYPG	Pos KM	Pos KM
UWR2M4	Pos KM, HemaTrace	Pos KM, HemaTrace
UXVFX6	Pos TMB, Hemdirect	Pos TMB, Hemdirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UXY7E7	Pos KM	Pos KM
UYN9TM	Pos TMB	Pos TMB
V2UJEB	Pos KM, Combur(TMB)	Pos KM, Combur(TMB)
V3RWTG	Pos KM	Pos KM
V6NYPX	Pos Kastle Mayer	Pos Kastle Mayer
V6WG3A	Pos KM	Pos KM
V8MFKE	Pos PTMB	Pos PTMB
V8WJHK	Pos KM	Pos KM
VA2WY7	Pos KM	Pos KM
VBG2MW	Pos KM	Pos KM
VK69R9	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
VKPJE3	Pos TMB, Hemdirect	Pos TMB, Hemdirect
VLVGQB	Pos KM	Pos KM
VPX3DV	Pos TMB	Pos TMB
VQBCQ3	Pos TMB, HemDirect	Pos TMB, HemDirect
VWHY4A	Pos TMB, KM	Pos TMB, KM
VZL3HQ	Pos KM, HemaTrace	Pos KM, HemaTrace
W6VXJ6	Pos KM, HemaTrace	Pos KM, HemaTrace
W7JUUL	Pos TMB, HemDirect	Pos TMB, HemDirect
W8HFXJ	Pos PTMB	Pos PTMB
WBQTAY	Pos KM	Pos KM
WDBDQG	Pos PTMB	Pos PTMB
WF6JN7	Pos Combur (TMB), KM	Pos Combur (TMB), KM
WF7JGE	Pos LMG	Pos LMG
WFCKQK	Pos PTMB	Pos PTMB
WHEY7T	Pos TMB, HemDirect	Pos TMB, HemDirect
WKXHZF	Pos KM	Pos KM
WNYPG8	Pos KM and Combur (TMB)	Pos KM and Combur (TMB)
WPLW2W	Pos PTMB	Pos PTMB
WPZGQ2	Pos KM, HemaTrace	Pos KM, HemaTrace
WPZJDK	Pos HemaTrace	Pos HemaTrace
WRBGTM	Pos PTMB	Pos PTMB
WV9ULD	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
WZ3WHQ	Pos PTMB	Pos PTMB
X28QQV	Pos KM	Pos KM
X4HFKP	Pos KM, HemaTrace	Pos KM, HemaTrace
X4PGQU	Pos TMB, HemDirect	Pos TMB, HemDirect
X4WXBT	Pos PTMB	Pos PTMB
X89KGC	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
XACHJR	Pos KM	Pos KM
XBG328	Pos TMB, LMG, RSID, ALS	Pos TMB, LMG, RSID, ALS
XC2ANN	Pos KM	Pos KM
XCQ36U	Pos PTMB	Pos PTMB
XEEMZP	Pos KM	Pos KM
XFURW3	Pos PTMB	Pos PTMB
XGPE7L	Pos LMG, HT	Pos LMG, HT
XHC2FA	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
XK6WFP	Pos KM	Pos KM
XKCH6P	Pos KM	Pos KM
XLJHXN	Pos OBTI	Pos OBTI
XPNW2P	Pos KM	Pos KM
XQ49R8	Pos TMB, HemDirect	Pos TMB, HemDirect
XT2QLK	Pos KM, TMB	Pos KM, TMB
XV7K47	Pos KM	Pos KM
XWB8A6	Pos LMG	Pos LMG
XWHX93	Pos LMG	Pos LMG
XWKBQC	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
XWNUMD	Pos KM, HemaTrace	Pos KM, HemaTrace
XXKMUD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XZPPMF	Pos KM, Hb HemeDirect	Pos KM, Hb HemeDirect
XZTAC6	Pos KM	Pos KM
Y22ZXH	Pos LMG	Pos LMG
Y3UHRL	Pos KM	Pos KM
YAPY8B	Pos KM, HemaTrace	Pos KM, HemaTrace
YEEY9E	Pos KM	Pos KM
YEP3FB	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YGNWQ2	Pos PTMB	Pos PTMB
YH79YD	Pos LMG	Pos LMG
YT8V4G	Pos KM	Pos KM
YU7PCM	Pos PTMB	Pos PTMB
YV28EP	Pos PTMB	Pos PTMB
YWG8ED	Pos LMG, HemaTrace	Pos LMG, HemaTrace
YZNCGY	Pos KM	Pos KM
Z2K46J	Pos LMG	Pos LMG
Z3PUUK	Pos KM	Pos KM
Z6E2EH	Pos LMG	Pos LMG
Z6Y66Q	Pos TMB	Pos TMB
Z9QJ8D	Pos KM	Pos KM
ZB6WDN	Pos O-tol	Pos O-tol
ZCEXAU	Pos TMB, HemDirect	Pos TMB, HemDirect
ZCNLB2	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZEYZZZ	Pos TMB, HemDirect	Pos TMB, HemDirect
ZF3UCH	Pos KM, TMB	Pos KM, TMB
ZHR2Q4	Pos KM	Pos KM
ZKRZGG	Pos KM	Pos KM
ZMVJEP	Pos KM	Pos KM
ZUVP2J	Pos KM	Pos KM
ZWAUBU	Pos LMG	Pos LMG
ZWKVLG	Pos KM	Pos KM
ZY6DQ2	Pos KM	Pos KM
ZZY7LK	Pos TMB, Hem Direct	Pos TMB, Hem Direct

Table 1a: Serology Screening Response Summary - Blood		Participants: 551	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	550	551	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	1	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
24CVBT	Pos ALS, AP, Micro	Neg ALS, AP
2723VP	Pos ALS, AP, Micro	Neg ALS, AP
273EJZ	Pos PSA, Micro, RSID	Neg PSA
2DUR49	Pos AP, Micro	Neg AP
2EPH82	Pos ALS, AP	Neg ALS, AP
2EUEPX	Pos AP, Micro, PSA	Neg AP, Micro
2HW9VF	Pos AP, p30, Micro	Neg AP
2HXN4T	Pos BCIP, PSA, Micro	Neg BCIP
2KDU8B	Pos AP, PSA, Micro	Neg AP, PSA, Micro
2LZG8Z	Pos ALS, AP, PSA, Micro	Neg ALS, AP, Micro
2MF6WC	Pos AP, Micro	Neg AP, Micro
2MTA3J	Pos ALS, AP, Micro, PSA	Neg ALS, AP
2NZPBA	Pos AP, PSA, Micro	Neg AP, PSA, Micro
2R2478	Pos AP, Micro	Neg AP
2RFWFF	Pos AP, Micro	Neg AP
2T7F9W	Pos AP, Micro	Neg AP
2W8EPF	Pos AP, Micro	Neg AP
2XGET3	Pos AP, Micro	Neg AP
2ZCRFZ	Pos AP, Micro, p30	Neg AP, Micro, p30
2ZTREX	Pos AP, p30, Micro	Neg AP, p30, Micro
32BBJA	Pos AP, PSA, Micro	Neg AP, PSA, Micro
32MQEF	Pos AP, PSA, Micro	Neg AP, PSA, Micro
332MVZ	Pos AP, Microscopic	Neg AP, Microscopic
34YDBL	Pos ALS, AP, Micro	Neg ALS, AP
366E7L	Pos AP, Micro	Neg AP
38RKE3	Pos AP, Micro	Neg AP
396MAW	Pos PSA	Neg PSA
3A6FCB	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
3C76DB	Pos AP and PSA	Neg AP and PSA
3CKUCG	Pos AP, Micro	Neg AP
3DMAE9	Pos AP, p30, Micro	Neg AP, p30
3FQQ8Q	Pos p30/Micro	Neg p30/Micro



TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
3GY6TR	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
3P4WN9	<b>Pos</b> PSA, Micro	<b>Neg</b> PSA, Micro
3RPQB2	<b>Pos</b> AP, Micro	<b>Neg</b> AP
3V2ECE	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
42HCD8	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
444F9C	<b>Pos</b> AP, Micro	<b>Neg</b> AP
46AKA9	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
4728K7	<b>Pos</b> AP, p30, Micro	<b>Neg</b> AP, Micro
48E2RC	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
4AN78L	<b>Pos</b> AP, Micro	<b>Neg</b> AP
4AP2WJ	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, Micro
4D4P4A	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
4H4GLD	<b>Pos</b> AP, Micro	<b>Neg</b> AP
4LWJ2M	<b>Pos</b> BCIP, p30, Micro	<b>Neg</b> BCIP
4LYPH2	<b>Pos</b> PSA	<b>Neg</b> PSA
4PAYA7	<b>Pos</b> Microscopy, AP	<b>Neg</b> AP, Micro
4PJ7ZU	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
4QRUGG	<b>Pos</b> RSID – Rapid Stain Identification of Human Semen	<b>Neg</b> RSID – Rapid Stain Identification of Human Semen
4UKKB6	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
4V924Z	<b>Pos</b> AP, Micro	<b>Neg</b> AP
4WEH7C	<b>Pos</b> RSID-PSA, Micro, ALS	<b>Neg</b> RSID-PSA, ALS
4WT3G9	<b>Pos</b> AP, RSID Semen, Micro	<b>Neg</b> AP
4XZFRW	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
4YNUUN	<b>Pos</b> AP, Micro	<b>Neg</b> AP
4Z93R2	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
629YXV	<b>Pos</b> ALS, AP, PSA	<b>Neg</b> ALS, AP, PSA
63R6PD	<b>Pos</b> AP, Micro	<b>Neg</b> AP
68K69F	<b>Pos</b> AP, Micro	<b>Neg</b> AP
699AEM	<b>Pos</b> AP, Micro	<b>Neg</b> AP
6B8CDG	<b>Pos</b> AP, PSA, Micro	<b>Pos</b> AP, PSA, Micro
6C3CXT	<b>Pos</b> AP, Micro	<b>Neg</b> AP
6DT9VF	<b>Pos</b> AP, Micro	<b>Neg</b> AP
6GRY6T	<b>Pos</b> AP, ALS	<b>Neg</b> AP, ALS
6K4DMM	<b>Pos</b> AP, Micro	<b>Neg</b> AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6KVM63	<b>Pos</b> ALS, AP, PSA	<b>Neg</b> ALS, AP
6P372W	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
6UBQM9	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP, Micro
6YQYDT	<b>Pos</b> AP, Micro	<b>Neg</b> AP
6Z48JF	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
726Q99	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA
72CRQF	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA
73RCV6	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
74W68P	<b>Pos</b> AP, PSA	<b>Neg</b> AP
74WM7Y	<b>Pos</b> AP	<b>Neg</b> AP
78RPRU	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA
7CDYNZ	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
7CPC3Q	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
7FT7T8	<b>Pos</b> AP, Micro	<b>Neg</b> AP, PSA, Micro
7GG98K	<b>Pos</b> PSA, Micro	<b>Neg</b> PSA, Micro
7K4RNE	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
7M47UQ	<b>Pos</b> AP, Micro	<b>Neg</b> AP
7N4F8M	<b>Pos</b> AP, Micro	<b>Neg</b> AP
7QYGFJ	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
7WGPYA	<b>Pos</b> AP, Micro	<b>Neg</b> AP
7XQFLB	<b>Pos</b> AP, Micro	<b>Neg</b> AP
7ZJRK6	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
8384A8	<b>Pos</b> AP, Micro	<b>Neg</b> AP
84EGNA	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
86F9YP	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
87F2AY	<b>Pos</b> AP	<b>Neg</b> AP
8B66QF	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA
8FCQED	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
8GHY2V	<b>Pos</b> AP, ALS	<b>Neg</b> AP, ALS
8HCLW8	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
8HEK4G	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
8K9VAM	<b>Pos</b> AP, Micro	<b>Neg</b> AP
8L8WGZ	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
8MMK6R	<b>Pos</b> AP, Micro	<b>Neg</b> AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
8N67YB	Pos AP, Micro	Neg AP, Micro
8PNCTD	Pos AP, Micro	Neg AP
8Q8GZW	Pos AP, PSA, Micro	Neg AP, PSA
8TXAN9	Pos AP, Micro	Neg AP, Micro
8TXPZZ	Pos AP	Neg AP
8VLJZU	Pos AP Micro PSA	Neg AP Micro PSA
8WELGH	Pos ALS, AP, Micro, PSA	Neg ALS, AP
8Y4T2F	Pos ALS, AP, Micro, PSA	Neg ALS, AP
8YNFRB	Pos ALS, Micro	Neg ALS, Micro, PSA
8ZUPET	Pos ALS, AP	Neg ALS, AP
92FC7X	Pos AP	Neg AP
92J9LL	Pos AP	Neg AP
92N3P8	Pos ALS, AP, Micro, PSA	Neg ALS, AP
93UKDG	Pos AP, PSA	Neg AP, PSA
976WT4	Pos AP, Micro	Neg AP, Micro
98XM3P	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
9AH8J8	Pos ALS, AP, Micro, PSA	Neg ALS, AP
9BV8T2	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
9EZUNJ	Pos AP, Micro	Neg AP, ALS
9GGRPA	Pos AP, Micro	Neg AP
9J4W39	Pos AP, Micro, PSA	Neg AP, Micro, PSA
9LAX2Q	Pos ALS, BCIP, PSA, Micro	Neg ALS, BCIP, PSA, Micro
9QVWBL	Pos AP, Micro	Neg AP
9RGDXU	Pos AP, Micro	Neg AP, Micro
9VMAPV	Pos AP, p30, Microscopic	Neg AP
9W8EUT	Pos AP, Micro, PSA	Neg AP, Micro, PSA
9XBLNZ	Pos PSA	Neg PSA
A2YDNT	Pos AP, PSA, Micro	Neg AP
A42CUW	Pos AP, PSA, Micro	Neg AP
A92BQ9	Pos ALS, AP, Micro, PSA	Neg ALS, AP
A9E2GA	Pos AP, PSA, Micro	Neg AP, PSA
ACVGNX	Pos AP, PSA, Micro	Neg AP
AKCKWQ	Pos AP, PSA, Micro	Neg AP, PSA, Micro
AN624J	Pos AP, Micro	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ANGNUR	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
ANTD6Q	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
AUKMBJ	<b>Pos</b> AP	<b>Neg</b> AP
AURZJK	<b>Pos</b> AP, Micro	<b>Neg</b> AP
AVCBHX	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
AVXZ78	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
AVYB63	<b>Pos</b> ap, Micro	<b>Neg</b> ap, Micro
AW9VW7	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
AWW2EK	<b>Pos</b> BCIP, PSA, Micro	<b>Neg</b> BCIP
AXHFE8	<b>Pos</b> AP, Micro	<b>Neg</b> AP
AXUWAE	<b>Pos</b> PSA	<b>Neg</b> PSA
AY6RKK	<b>Pos</b> AP, PSA	<b>Neg</b> AP, PSA
B2AR74	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
B7H8LT	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
B7LKG3	<b>Pos</b> AP, Micro, PSA, RSID-Semen	<b>Neg</b> AP, Micro, PSA, RSID-Semen
B7PMGD	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
BCNPB8	<b>Pos</b> AP, Micro	<b>Neg</b> AP
BDNYP4	<b>Pos</b> ALS, AP, p30, Micro	<b>Neg</b> ALS, AP
BEQFRF	<b>Pos</b> BCIP, p30, Microscope	<b>Neg</b> BCIP
BFFMZR	<b>Pos</b> AP, PSA, Micro, RSID	<b>Neg</b> AP, PSA, MIRCO, RSID
BGLBZP	<b>Pos</b> AP, PSA, Micro	<b>Pos</b> AP
BJG84W	<b>Pos</b> AP, RSID	<b>Neg</b> AP, RSID
BMTBHT	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
BRAKX4	<b>Pos</b> AP & Micro	<b>Neg</b> AP, PSA & Micro
C32JXM	<b>Pos</b> AP; Micro; p30	<b>Neg</b> AP; Micro; p30
C4RCMR	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP, Micro
C7WTV	<b>Pos</b> PSA	<b>Neg</b> PSA
C9YDGN	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, Micro
CAR4RA	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
CBTHN6	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
CDAZBY	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
CDFABC	<b>Pos</b> ALS, AP	<b>Neg</b> ALS, AP
CE4TTB	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
CKKC3C	<b>Pos</b> AP, Micro	<b>Neg</b> AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
CLKLKG	<b>Pos</b> p30/Micro	<b>Neg</b> p30/Micro
CN6VYM	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
CNQRHV	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
CQM4TF	<b>Neg</b> ALS	<b>Neg</b> ALS
CR6KG2	<b>Pos</b> BCIP, Micro	<b>Neg</b> BCIP
CRMXUQ	<b>Pos</b> AP	<b>Neg</b> AP
CRREB7	<b>Pos</b> AP, Micro, p30	<b>Neg</b> AP, Micro, p30
CTTE2D	<b>Pos</b> AP, Micro	<b>Neg</b> AP
CWLPLB	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
D2QHPZ	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
DCE8V2	<b>Pos</b> ALS, AP, Micro (Sperm)	<b>Neg</b> ALS, AP, Micro (Sperm)
DF7XXH	<b>Pos</b> AP, Micro	<b>Neg</b> AP
DFZCZW	<b>Pos</b> AP, Micro	<b>Neg</b> AP
DHTU7A	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
DK9RD2	<b>Pos</b> AP	<b>Neg</b> AP
DKGQL2	<b>Pos</b> PSA, Micro	<b>Neg</b> PSA, Micro
DLUXXV	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
DRXPF2	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
DT3YXR	<b>Pos</b> ALS, Micro, AP, RSID	<b>Neg</b> ALS, Micro, AP
DUN26Y	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, Micro, PSA
DV2W48	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
DXQC7N	<b>Pos</b> AP, Micro	<b>Neg</b> AP
DY6JQK	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, Micro, PSA
E426BQ	<b>Pos</b> AP, Micro	<b>Neg</b> AP
E6EMH3	<b>Pos</b> AP, Micro	<b>Neg</b> AP
E7TYEL	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
ECM2QR	<b>Pos</b> AP, Micro	<b>Neg</b> AP
EDZF89	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
EJN9D8	<b>Pos</b> AP, PSA	<b>Neg</b> AP
EKJL9L	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, Micro
EKLV7J	<b>Pos</b> AP, Micro	<b>Neg</b> AP
EPX6K3	<b>Pos</b> ALS; Micro	<b>Neg</b> ALS; Micro; PSA
EVMERK	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
EY9WA6	<b>Pos</b> Micro, AP	<b>Neg</b> ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
EYYJUJ	Pos AP, Micro	Neg AP, Micro
F3B9RG	Pos PSA, ALS, AP	Neg PSA, ALS, AP
F88CL2	Pos AP, Micro	Neg AP
FA7ARG	Pos AP, PSA, Micro	Neg AP, PSA, Micro
FAN4RQ	Pos AP, Micro	Neg AP
FCYNDR	Pos AP, PSA, Micro	Neg AP, PSA, Micro
FFH437	Pos AP, Micro	Neg AP
FFKMDN	Pos ALS, AP, SS, PSA	Neg ALS, AP
FGUPYM	Pos ALS, AP, Micro, PSA	Neg ALS, AP
FHM3K7	Pos AP, Micro	Neg AP
FJ32GN	Pos ALS, AP, Micro, PSA	Neg ALS, AP
FJ7VMU	Pos AP, PSA	Neg AP
FKN3UW	Pos AP, Micro	Neg AP
FPMJXX	Pos AP, PSA	Neg AP, PSA
FPT6X8	Pos AP, PSA, Micro	Neg AP, PSA
FW9CAW	Pos AP, PSA	Neg AP, PSA
FZA4EW	Pos AP, PSA, Micro	Neg AP, PSA, Micro
G3C9J4	Pos AP	Neg AP
G6VD3Y	Pos AP, Micro, PSA	Neg AP, Micro, PSA
G7TJMZ	Pos ALS, AP, p30, Micro	Neg ALS, AP, p30, Micro
G8MATE	Pos AP, Micro, PSA	Neg AP, Micro, PSA
G8UY8H	Pos AP & Micro	Neg AP
G9XCED	Pos AP	Neg AP
GAAVFA	Pos ALS, AP, Micro, PSA	Neg ALS, AP
GD784Z	Pos ALS, AP, Micro, PSA	Neg ALS, AP, PSA
GFX4LG	Pos ALS, AP, Micro, PSA	Neg ALS, AP
GKMUPP	Pos Visual, AP, Micro	Neg Visual, AP
GL63GK	Pos AP, Micro, PSA	Neg AP, Micro, PSA
GLX6MM	Pos AP, Micro	Neg AP
GM7H34	Pos AP, Micro	Neg AP
GN8JD9	Pos AP, Micro	Neg AP
GRB7ER	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
GTEQLT	Pos RSID, Micro	Neg RSID, Micro
GUUKHR	Pos ALS, AP, Micro, p30	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
GUXB3C	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
GVEZ9F	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
GXGMKE	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
GXPW3K	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
H4A9JY	<b>Pos</b> ALS;AP;PSA;Micro	<b>Neg</b> ALS;AP
HABZHP	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
HAD8ZQ	<b>Pos</b> PSA	<b>Neg</b> PSA
HBHK46	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
HCTAJB	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
HDEAZA	<b>Pos</b> RSID	<b>Neg</b> RSID
HFB47F	<b>Pos</b> AP	<b>Neg</b> AP
HH9372	<b>Pos</b> AP, Micro	<b>Neg</b> AP
HHHGRN	<b>Pos</b> AP, Micro	<b>Neg</b> AP
HK6LF9	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
HK6N3R	<b>Pos</b> AP, Seratec PSA, Micro	<b>Neg</b> AP, Seratec PSA, Micro
HND2GQ	<b>Pos</b> AP, Micro	<b>Neg</b> AP
HNZHML	<b>Pos</b> AP, Micro	<b>Neg</b> AP
HUHX3C	<b>Pos</b> ALS, AP	<b>Neg</b> ALS, AP
HVF23E	<b>Pos</b> AP, Micro	<b>Neg</b> AP
HWHQM4	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
HZ8FLU	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP, Micro
JA4HNJ	<b>Pos</b> PSA	<b>Neg</b> PSA
JAHGU8	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
JDGCAE	<b>Pos</b> ALS, Micro, AP, PSA	<b>Neg</b> ALS, Micro, AP
JEYA2M	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, Micro, PSA
JGZFCL	<b>Pos</b> ALS, AP, PSA	<b>Neg</b> ALS, AP, PSA
JJQQ3E	<b>Pos</b> AP, Micro	<b>Neg</b> AP
JPEU6W	<b>Pos</b> AP, ABACard p30, Micro	<b>Neg</b> AP, ABACard p30, Micro
JPXKCV	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
JRN3U4	<b>Pos</b> AP, Micro	<b>Neg</b> AP
JVJM9Z	<b>Pos</b> AP, Micro	<b>Neg</b> AP
JWVLLG	<b>Pos</b> AP, PSA, RSID, Micro	<b>Neg</b> AP, PSA, RSID, Micro
JXRP6W	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
JYAKDC	<b>Pos</b> AP, Micro	<b>Neg</b> AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
K637DW	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
K72Y83	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, Micro, PSA
K7JQE3	<b>Pos</b> AP, Micro	<b>Neg</b> AP
K98Y9F	<b>Pos</b> AP	<b>Neg</b> AP
K998J9	<b>Pos</b> p30 and Micro	<b>Neg</b> p30 and Micro
KB729R	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
KBAT8L	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
KDZWX8	<b>Pos</b> AP, Micro PSA	<b>Neg</b> AP, Micro, PSA
KE3KQT	<b>Pos</b> PSA, Micro	<b>Neg</b> PSA, Micro
KGHTD4	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
KKTZEZ	<b>Pos</b> ABACard p30	<b>Neg</b> ABACard p30
KMKCFF	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
KMQH7Q	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, PSA
KMRVT7	<b>Pos</b> BCIP, PSA, Micro	<b>Neg</b> BCIP
KN8JEC	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
KNTVGR	<b>Pos</b> AP, Micro	<b>Neg</b> AP
KNY928	<b>Pos</b> AP	<b>Neg</b> AP
KPABM7	<b>Pos</b> AP	<b>Neg</b> AP
KPLZMK	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
KRYH83	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
KT2EH6	<b>Pos</b> AP and Micro	<b>Neg</b> AP
KT9GAU	<b>Pos</b> Micro, PSA	<b>Neg</b> Micro, PSA
KVXEPM	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
KX27PP	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
KX62HK	<b>Pos</b> AP	<b>Neg</b> AP
KYMMBB	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
L788NV	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
L8A44J	<b>Pos</b> ALS, AP, PSA	<b>Neg</b> ALS, AP
L9LKGW	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
L9TPB2	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro, ALS
LCD48V	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
LDMJEU	<b>Pos</b> AP, Micro	<b>Neg</b> AP
LE49WK	<b>Pos</b> AP, PSA	<b>Neg</b> AP
LGCUXL	<b>Pos</b> AP, Micro, and PSA	<b>Neg</b> AP, Micro, and PSA



TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LGV88C	Pos AP	Neg AP
LK892W	Pos AP, PSA, Micro	Neg AP, PSA, Micro
LLNC32	Pos AP, Micro	Neg AP, Micro
LLXZLU	Pos AP, PSA, Micro	Neg AP
LMK4DV	Pos ALS, Micro	Neg ALS, Micro, p30
LVE98W	Pos AP, PSA, Micro	Neg AP
LZNP6Y	Pos AP	Neg AP
M2E4DA	Pos AP, PSA, ALS	Neg AP, PSA, ALS
M2QVYK	Pos AP, PSA, Micro	Neg AP
M34D4C	Pos AP, Micro	Neg AP
M3QBNA	Pos ALS, AP, Micro	Neg ALS, AP
M3TEJT	Pos ALS, Micro	Neg ALS, Micro, PSA
M8P6KY	Pos AP, PSA, Micro	Neg AP, PSA, Micro
MBJJ92	Pos ALS, AP, Micro	Neg ALS, AP
MC9YAW	Pos AP, Micro	Neg AP
MFN2TF	Pos AP, PSA, Micro	Neg AP, PSA, Micro
MFU9EB	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
MGZJ8F	Pos AP, Micro	Neg AP, Micro, PSA
MHNQ27	Pos AP, Micro	Neg AP
MKTF7Z	Pos AP, Micro	Neg AP
MPKPDC	Pos PSA	Neg PSA
MPW2RN	Pos ALS, AP, Micro	Neg ALS, AP, Micro
MV8YKJ	Pos AP, Micro, PSA	Neg AP, Micro, PSA
MVL3W3	Pos AP, Micro, PSA	Neg AP, Micro, PSA
MW8D9H	Pos PSA	Neg PSA
MWV22J	Pos AP, Micro	Neg AP
MY2GHN	Pos ALS, AP, Micro, PSA	Neg AP
MZ4Z4R	Pos AP, Micro	Neg AP
MZ63JN	Pos ALS, AP, PSA, Micro	Neg ALS, AP
MZP6LB	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
N4NGMN	Pos AP, PSA, Micro	Neg AP
N6JHL7	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
N6WHJV	Pos AP, Micro	Neg AP
N9WRRC	Pos AP, Micro, PSA	Neg AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
N9ZNK2	<b>Pos</b> ALS, PSA, Micro	<b>Neg</b> ALS, PSA, Micro
NBENZE	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
NCR6AL	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP Micro
NDHRL6	<b>Pos</b> AP, Micro	<b>Neg</b> AP
NDKKHR	<b>Pos</b> AP, Micro	<b>Neg</b> AP
NDW622	<b>Pos</b> AP, Micro	<b>Neg</b> AP
NFQ2R9	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
NHYMT9	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
NJANE8	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
NJCGQG	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
NJNN76	<b>Pos</b> AP, Micro	<b>Neg</b> AP
NLYVY4	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
NMUFNN	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
NMWL67	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
NNHH47	<b>Pos</b> AP, Micro	<b>Neg</b> AP
NNQEZP	<b>Pos</b> ALS, AP, p30, Micro for Sperm	<b>Neg</b> ALS, AP, p30, Micro for Sperm
NTFFVN	<b>Pos</b> ALS, AP	<b>Neg</b> ALS, AP
NUQ6F3	<b>Pos</b> ALS, BCIP, PSA, Micro	<b>Neg</b> ALS, BCIP
NZCW6N	<b>Pos</b> AP, Micro	<b>Neg</b> AP
NZHUWD	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
P26JJH	<b>Pos</b> AP, PSA	<b>Neg</b> AP, PSA
P384UQ	<b>Pos</b> ALS, Micro	<b>Neg</b> ALS
P6RKJJ	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
P6TQA7	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
P7M9ZT	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
P8Z4VE	<b>Pos</b> AP, Micro	<b>Neg</b> AP
PBE7XX	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
PBUJB9	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP, Micro, PSA
PC44ZQ	<b>Pos</b> AP, Micro	<b>Neg</b> AP
PDKRMH	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
PFBX2N	<b>Pos</b> AP, Micro	<b>Neg</b> AP
PGKJHU	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
PKG9WF	<b>Pos</b> AP, PSA	<b>Neg</b> AP, PSA
PKMRVY	<b>Pos</b> AP, p30, Micro	<b>Neg</b> AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
PMWH9E	Pos AP, Micro	Neg AP
PPP3PK	Pos AP, Micro	Neg AP
PTQ84Q	Pos ALS, AP, PSA, Micro	Neg ALS, AP
PWVPKQ	Pos Micro, PSA	Neg Micro, PSA
PXQ86A	Pos AP, Micro, PSA	Neg AP, Micro, PSA
PY37WX	Pos AP, Micro, PSA	Neg AP, Micro, PSA
PYDZBJ	Pos AP, Micro	Neg AP
Q3CNCR	Pos AP, Micro	Neg AP
Q7QHxQ	Pos ALS, Micro	Neg ALS
QCPJ2K	Pos ALS, AP	Neg ALS, AP
QHFGM8	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
QJL6KK	Pos AP, PSA, Micro	Neg AP, PSA, Micro
QPU77N	Pos AP, PSA, Micro	Neg AP, PSA, Micro
QQP6JA	Pos AP, Micro	Neg AP, Micro
QRDW26	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
QRYWC4	Pos ALS, AP, Micro	Neg ALS, AP
QTKDXP	Pos AP, PSA, Micro	Neg AP, PSA, Micro
QW73FH	Pos AP, Micro	Neg AP
QWZU8U	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
QXF8T7	Pos AP, Micro	Neg AP, Micro, PSA
R6PZFL	Pos AP, Micro	Neg AP
R7CAZ2	Pos AP, Micro, PSA	Neg AP, Micro
RBKJ34	Pos ALS, AP, Micro, PSA	Inc ALS, AP, Micro, PSA
RBXAVV	Pos AP, Micro	Neg AP
RDD9RQ	Pos ALS, AP	Neg ALS, AP
RF77BJ	Pos AP, PSA, Micro	Neg AP, PSA, Micro
RG7FQ2	Pos AP, Micro	Neg AP
RJUYNR	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
RLA4RB	Pos Acid Phosphatase, Micro	Neg Acid Phosphatase
RLGT6T	Pos ALS, AP, PSA, Micro	Neg ALS, AP
RMJ7HF	Pos AP, Micro, PSA	Neg AP, Micro, PSA
RNUDG2	Pos AP, Micro	Neg AP
RPCYG6	Pos AP, Micro, PSA	Neg AP, Micro, PSA
RPM9Y4	Pos ALS, AP, Micro, PSA	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RTJA4K	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP, Micro
RTY9TW	<b>Pos</b> AP, Micro	<b>Neg</b> AP
RUDLJE	<b>Pos</b> AP, Micro	<b>Neg</b> AP
RUHZAL	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
RVJEBM	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
RYBCDC	<b>Pos</b> AP, p30, Micro	<b>Neg</b> p30, Micro
RZV3QV	<b>Pos</b> AP, Micro	<b>Neg</b> AP
T2869M	<b>Pos</b> Micro, PSA, ALS	<b>Neg</b> PSA, ALS
T63UHE	<b>Pos</b> AP, p30, Micro	<b>Neg</b> AP
T6ZRJG	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro
TA34TQ	<b>Pos</b> AP, PSA	<b>Neg</b> AP, PSA
TBU2CA	<b>Pos</b> PSA	<b>Neg</b> PSA
TFYMJX	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
TKTGGY	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
TMWD3M	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
TPDWFC	<b>Pos</b> AP, Micro	<b>Neg</b> AP
TQ43TH	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
TRQ77Q	<b>Pos</b> AP	<b>Neg</b> AP
TU7QP8	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
TWNHA3	<b>Pos</b> AP, PSA	<b>Neg</b> AP, PSA
TYUZ9Y	<b>Pos</b> AP, Micro	<b>Neg</b> AP
UDPWR9	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
UFYRRF	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
UK3E2M	<b>Pos</b> AP, Micro	<b>Neg</b> AP
UQ62K6	<b>Pos</b> PSA, Micro	<b>Neg</b> PSA
UQKD8G	<b>Pos</b> AP, Micro	<b>Neg</b> AP
UR8R6K	<b>Pos</b> ALS, AP, PSA, Micro (Sperm)	<b>Neg</b> ALS, AP, PSA, Micro (Sperm)
URGVD8	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
UUH2KG	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
UWYYPG	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
UWR2M4	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
UXVFX6	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
UXY7E7	<b>Pos</b> Micro, PSA	<b>Neg</b> Micro, PSA
UYN9TM	<b>Pos</b> AP, Micro	<b>Neg</b> AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
V2UJEB	<b>Pos</b> AP, PSA, Microscopy-Sperm	<b>Neg</b> AP, PSA
V3RWTG	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
V6NYPX	<b>Pos</b> Acid Phosphatase	<b>Neg</b> Acid phosphatase
V6WG3A	<b>Pos</b> AP, p30, Micro	<b>Neg</b> AP, p30, Micro
V8MFKE	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
V8WJHK	<b>Pos</b> AP, Micro	<b>Neg</b> AP
VA2WY7	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
VBG2MW	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
VK69R9	<b>Pos</b> PSA, Micro, AP	<b>Neg</b> PSA, AP
VKPJE3	<b>Pos</b> AP, Microscopic, PSA	<b>Neg</b> AP, Microscopic, PSA
VLVGQB	<b>Pos</b> AP, Micro	<b>Neg</b> AP
VPX3DV	<b>Pos</b> ALS, AP	<b>Neg</b> ALS, AP
VQBCQ3	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, Micro, PSA
VWHY4A	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
VZL3HQ	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP
W6VXJ6	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
W7JUUL	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
W8HFXJ	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
WDBDQG	<b>Pos</b> AP, Micro	<b>Neg</b> AP
WF6JN7	<b>Pos</b> PSA, AP, Micro	<b>Neg</b> PSA, AP
WF7JGE	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP
WFCKQK	<b>Pos</b> AP, Micro	<b>Neg</b> AP
WHEY7T	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
WKXHZF	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, AP, Micro
WNYPG8	<b>Pos</b> AP, Microscopy-Sperm and PSA	<b>Neg</b> AP, PSA
WPLW2W	<b>Pos</b> AP	<b>Neg</b> AP
WPZGQ2	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
WPZJDK	<b>Pos</b> AP, p30, Micro	<b>Neg</b> AP, p30
WRBGTM	<b>Pos</b> AP, Micro	<b>Neg</b> AP
WV9ULD	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP, Micro, PSA
WZ3WHQ	<b>Pos</b> Micro, AP	<b>Neg</b> AP
X28QQV	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
X4HFKP	<b>Pos</b> PSA, Micro	<b>Neg</b> PSA, Micro
X4PGQU	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
X4WXB	<b>Pos</b> AP, Micro, ALS	<b>Neg</b> AP, ALS
X89KGC	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro
XACHJR	<b>Pos</b> AP	<b>Neg</b> AP
XBG328	<b>Pos</b> AP, RSID, Micro, ALS	<b>Neg</b> AP, RSID, Micro, ALS
XC2ANN	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro
XCQ36U	<b>Pos</b> AP, Micro	<b>Neg</b> AP
XEEMZP	<b>Pos</b> AP, Micro	<b>Neg</b> AP
XFURW3	<b>Pos</b> AP, Micro	<b>Neg</b> AP
XGPE7L	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, AP, PSA, Micro
XHC2FA	<b>Pos</b> ALS, AP, PSA	<b>Neg</b> ALS, AP
XK6WFP	<b>Pos</b> AP PSA	<b>Neg</b> AP PSA
XKCH6P	<b>Pos</b> AP, Micro	<b>Neg</b> AP
XLJHXN	<b>Pos</b> RSID	<b>Neg</b> RSID
XPNW2P	<b>Pos</b> AP, PSA	<b>Neg</b> AP
XQ49R8	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, AP
XT2QLK	<b>Pos</b> AP	<b>Neg</b> AP
XV7K47	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP
XWB8A6	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
XWKBQC	<b>Pos</b> AP, p30, Micro	<b>Neg</b> AP
XWNUMD	<b>Pos</b> AP, RSID-Semen, Micro	<b>Neg</b> AP, RSID-Semen, Micro
XXKMUD	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
XZPPMF	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP
XZTAC6	<b>Pos</b> ALS, AP	<b>Neg</b> ALS, AP
Y22ZXH	<b>Pos</b> AP, PSA	<b>Neg</b> AP
Y3UHRL	<b>Pos</b> AP, Micro	<b>Neg</b> AP, Micro, PSA
YAPY8B	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> AP, Micro, PSA
YEEY9E	<b>Pos</b> AP, Micro	<b>Neg</b> AP
YEP3FB	<b>Pos</b> ALS, AP, p30, Micro	<b>Neg</b> ALS, AP, p30, Micro
YGNWQ2	<b>Pos</b> AP, Micro	<b>Neg</b> AP
YH79YD	<b>Pos</b> AP, Micro	<b>Neg</b> AP
YT8V4G	<b>Pos</b> Micro	<b>Neg</b> Micro, PSA
YU7PCM	<b>Pos</b> AP, Micro	<b>Neg</b> AP
YV28EP	<b>Pos</b> AP, Micro	<b>Neg</b> AP
YWG8ED	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
YZNCGY	Pos ALS, AP, Micro	Neg ALS, AP
Z2K46J	Pos AP, PSA	Neg AP
Z3PUUK	Pos ALS, AP, Micro	Neg ALS, AP, Micro
Z6E2EH	Pos AP, Micro	Neg AP
Z6Y66Q	Pos AP	Neg AP
Z9QJ8D	Pos AP, Micro	Neg AP
ZB6WDN	Pos AP, Micro, ALS	Neg AP, ALS
ZCEXAU	Pos ALS, AP, Micro, PSA	Neg ALS, AP
ZCNLB2	Pos AP, PSA, Micro	Neg AP, PSA, Micro
ZEYZZZ	Pos AP, PSA, Micro	Neg AP, PSA, Micro
ZF3UCH	Pos AP	Neg AP
ZHR2Q4	Pos PSA	Neg PSA
ZKRZGG	Pos AP, Micro, PSA	Neg AP, Micro
ZMVJEP	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
ZUVP2J	Pos AP, Micro	Neg AP, Micro
ZWAUBU	Neg ALS	Neg ALS
ZWKVLG	Pos Micro; AP; PSA	Neg Micro; AP; PSA
ZY6DQ2	Pos AP, Micro	Neg AP
ZZY7LK	Pos ALS, AP, Micro, PSA	Neg ALS, AP

Table 1b: Serology Screening Response Summary - Semen			Participants: 527
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	525	2	
Negative	2	524	
Inconclusive	0	1	
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 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
273EJZ	Neg RSID	Neg RSID
2LZG8Z	Neg Phadebas	Neg Phadebas
2NZPBA	Neg RSID-Saliva	Neg RSID-Saliva
2ZCRFZ	Neg Phadebas	Neg Phadebas
2ZTRES	Neg Amylase	Neg Amylase
32MQEF	Neg Phadebas	Neg Phadebas
3A6FCB	Neg Amylase	Neg Amylase
3C76DB	Neg Phadebas	Neg Phadebas
3DMAE9	Neg RSID	Neg RSID
3GY6TR	Neg Phadebas	Neg Phadebas
3P4WN9	Neg RSID	Neg RSID
42HCD8	Neg Amylase	Neg Amylase
4LYPH2	Neg RSID	Neg RSID
4WEH7C	Neg RSID-Saliva, ALS	Neg RSID-Saliva, ALS
4YNUUN	Neg Amylase	Neg Amylase
629YXV	Neg RSID	Neg RSID
6K4DMM	Neg Phadebas	Neg Phadebas
6KVM63	Neg Phadebas	NT
6P372W	Neg Amylase Diffusion	Neg Amylase Diffusion
6UBQM9	Neg ALS, Phadebas	Neg ALS, Phadebas
726Q99	Neg RSID-Saliva	Neg RSID-Saliva
7ZJRK6	Neg RSID-Saliva	Neg RSID-Saliva
84EGNA	Neg Phadebas	Neg Phadebas
8HCLW8	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
8Q8GZW	Neg Phadebas	Neg Phadebas
9LAX2Q	Neg Phadebas	Neg Phadebas
9W8EUT	Neg Amylase Diffusion	Neg Amylase Diffusion
A9E2GA	Neg Phadebas	Neg Phadebas
AKCKWQ	Neg Amylase Diffusion	Neg Amylase Diffusion
ANTD6Q	Neg RSID	Neg RSID
AY6RKK	Neg RSID	Neg RSID
B7LKG3	Neg RSID-Saliva	Neg RSID-Saliva



TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
BFFMZR	Neg RSID	Neg RSID
BJG84W		Neg RSID
C32JXM	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
C4RCMR	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
CBTHN6	Neg Amylase Diffusion	Neg Amylase Diffusion
CDAZBY	Neg Phadebas	Neg Phadebas
CE4TTB	Neg RSID	Neg RSID
CRREB7	Neg Phadebas	Neg Phadebas
DHTU7A	Neg Phadebas	Neg Phadebas
DKGQL2	Neg RSID	Neg RSID
DLUXXV	Neg Phadebas	Neg Phadebas
DT3YXR	Neg ALS, Phadebas	Neg ALS, Phadebas
E6EMH3	Neg Phadebas	Neg Phadebas
EKJL9L	Neg Phadebas	Neg Phadebas
FCYNDT	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
FJ7VMU	Neg RSID	Neg RSID
FPMJXX	Neg Phadebas	Neg Phadebas
FW9CAW	Neg Phadebas	Neg Phadebas
FZA4EW	Neg Amylase	Neg Amylase
G6VD3Y	Neg Amylase	Neg Amylase
HDEAZA	Neg RSID	Neg RSID
HH9372	Neg RSID	Neg RSID
HK6N3R	Neg Seratec Amylase	Neg Seratec Amylase
HND2GQ	Neg RSID	Neg RSID
HZ8FLU	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
JDGCAE	Neg Phadebas	Neg Phadebas
JPEU6W	Neg Radial Diffusion	Neg Radial Diffusion
JPXKCV	Neg Phadebas	Neg Phadebas
JVJM9Z	Neg RSID	Neg RSID
JXRP6W	Neg Phadebas	Neg Phadebas
K637DW	Neg Phadebas	Neg Phadebas
KE3KQT	Neg RSID	Neg RSID
KT2EH6	Neg Phadebas	Neg Phadebas
KT9GAU	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
L9LKGW	Neg Phadebas	Neg Phadebas
L9TPB2	Neg SALIgAE, ALS	Neg SALIgAE
LDMJEU	Neg RSID	NT
LGCUXL	Neg Amylase	Neg Amylase
LLNC32	Neg RSID Saliva	Neg RSID Saliva
LLXZLU	Neg RSID	NT
MC9YAW	Neg RSID Saliva	Neg RSID Saliva
MFN2TF	Neg RSID	Neg RSID
MGZJ8F	Neg RSID	Neg RSID
MPW2RN	Neg Phadebas	Neg Phadebas
N4NGMN	Neg SALIgAE	Neg SALIgAE
NCR6AL	Neg Phadebas	Neg Phadebas
NNQEZP	Neg ALS, Amylase Radial Diffusion, Micro for NECs	Neg ALS, Amylase Radial Diffusion, Micro for NECs
P26JJH	Neg Phadebas	Neg Phadebas
P6RKJJ	Neg Seratec Amylase	Neg Seratec Amylase
PGKJHU	Neg Phadebas	Neg Phadebas
PKG9WF	Neg Phadebas	Neg Phadebas
PWVPKQ	Neg RSID	Neg RSID
Q3CNCR	Neg Phadebas	Neg Phadebas
QJL6KK	Neg Phadebas	Neg Phadebas
QPU77N	Neg Phadebas	Neg Phadebas
RBXAVV	Neg Phadebas	Neg Phadebas
RMJ7HF	Neg Amylase	Neg Amylase
RTJA4K	Neg Phadebas	Neg Phadebas
RYBCDC	Neg Amylase	Neg Amylase
RZV3QV	Neg RSID	Neg RSID
T63UHE	Neg RSID Saliva	Neg RSID Saliva
TA34TQ	Neg Amylase activity (in-house procedure)	Neg Amylase activity (in-house procedure)
TBU2CA	Neg RSID	Neg RSID
TU7QP8	Neg RSID	NT
UFYRRF	Neg Amylase	Neg Amylase
UUH2KG	Neg RSID	Neg RSID
UXY7E7	Neg RSID	Neg RSID
V2UJEB	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
V6WG3A	Neg RSID	Neg RSID
VK69R9	Neg Phadebas	Neg Phadebas
WF6JN7	Neg Phadebas	Neg Phadebas
WNYPG8	Neg Phadebas	Neg Phadebas
X28QQV	Neg RSID	NT
X4HFKP	Neg RSID	Neg RSID
X89KGC	Neg Seratec Amylase	Neg Seratec Amylase
XBG328	Neg Phadebas	Neg Phadebas
XC2ANN	Neg RSID	Neg RSID
XEEMZP	Neg Phadebas	Neg Phadebas
XXKMUD	Neg Amylase	Neg Amylase
Y22ZXH	Neg RSID	Neg RSID
YAPY8B	Neg Phadebas	Neg Phadebas
Z2K46J	Neg RSID-Saliva	Neg RSID-Saliva
Z3PUUK	Neg RSID	Neg RSID
ZB6WDN	Neg Micro	NT
ZHR2Q4	Neg RSID	Neg RSID
ZUVP2J	Neg RSID-Saliva	Neg RSID-Saliva

Table 1c: Serology Screening Response Summary - Saliva			Participants: 118
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	<b>0</b>	<b>0</b>	
Negative	<b>117</b>	<b>112</b>	
Inconclusive	<b>0</b>	<b>0</b>	
Not Tested (NT)	<b>0</b>	<b>6</b>	
Not Reported	<b>1</b>	<b>0</b>	

# 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
273EJZ	Pos HemaTrace	Pos HemaTrace
2HW9VF	Pos PP21	Pos PP21
2XGET3	Pos HemaTrace	Pos HemaTrace
2ZTREX	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
38RKE3	Pos RSID-Blood	Pos RSID-Blood
396MAW	Pos RT-PCR	Pos RT-PCR
3RPQB2	Pos HemaTrace	Pos HemaTrace
4AN78L	Pos HemaTrace	Pos HemaTrace
4LYPH2	Pos PowerQuant	Pos PowerQuant
4QRUGG	Pos	Pos
629YXV	Pos PowerQuant	Pos PowerQuant
699AEM	Pos HemaTrace	Pos HemaTrace
6B8CDG	Pos HemaTrace	Pos HemaTrace
6KVM63	Pos PowerQuant	Pos PowerQuant
6P372W	Pos HemaTrace	Pos HemaTrace
6UBQM9	Pos Quantifiler Trio	Pos Quantifiler Trio
72CRQF	Pos HemaTrace	Pos HemaTrace
78RPRU	Pos HemaTrace	Pos HemaTrace
7GG98K	Pos Blood forensic test kit	Pos Blood forensic test kit
7M47UQ	Pos HemaTrace	Pos HemaTrace
86F9YP	Pos RSID	Pos RSID
8B66QF	Pos HemaTrace	Pos HemaTrace
8FCQED	Pos HemaTrace	Pos HemaTrace
8Q8GZW	Pos Quant Trio	Pos Quant Trio
98XM3P	Pos RSID	Pos RSID
9BV8T2	Pos HemaTrace	NT
9QVWBL	Pos HemaTrace	Pos HemaTrace
9VMAPV	Pos Powerquant	Pos Powerquant
9W8EUT	Pos HemaTrace	Pos HemaTrace
9XBLNZ	Pos PowerQuant	Pos PowerQuant
A9E2GA	Pos HemDirect, Quant Trio	Pos HemDirect, Quant Trio
AKCKWQ	Pos HemaTrace	Pos HemaTrace
AURZJK	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
AY6RKK	Pos PowerQuant	Pos PowerQuant
B7H8LT	Pos RSID	Pos RSID
BCNPB8	Pos HemaTrace	Pos HemaTrace
BFFMZR	Pos HemaTrace	Pos HemaTrace
C32JXM	Pos Quantifiler Trio; HemaTrace	Pos Quantifiler Trio; HemaTrace
CBTHN6	Pos Quant Trio	Pos Quant Trio
CDAZBY	Pos Quantifiler Trio	Pos Quantifiler Trio
CTTE2D	Pos HemaTrace	Pos HemaTrace
DFZCZW	Pos HemaTrace	Pos HemaTrace
DUN26Y	Pos HemaTrace	Pos HemaTrace
EY9WA6	Pos HemaTrace	Pos HemaTrace
FCYNDT	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
G8UY8H	Pos HemaTrace	Pos HemaTrace
GKMUPP	Pos HT	Pos HT
GLX6MM	Pos HemaTrace	Pos HemaTrace
GM7H34	Pos HemaTrace	Pos HemaTrace
GUUKHR	Pos HemaTrace	NT
GVEZ9F	Pos RSID	Pos RSID
GXGMKE	Pos HemaTrace	Pos HemaTrace
HK6N3R	Pos Seratec PMB	Pos Seratec PMB
HVF23E	Pos HemaTrace	Pos HemaTrace
JRN3U4	Pos HemaTrace	Pos HemaTrace
JVJM9Z	Pos Quant	Pos Quant
JWVLLG	Pos HemaTrace	Pos HemaTrace
JYAKDC	Pos HemaTrace	Pos HemaTrace
KNTVGR	Pos HemaTrace	Pos HemaTrace
KYMMBB	Pos RSID	Pos RSID
M34D4C	Pos HemaTrace	Pos HemaTrace
M8P6KY	Pos HemaTrace	Pos HemaTrace
MC9YAW	Pos Quant	Pos Quant
MGZJ8F	Pos PowerQuant	Pos PowerQuant
MPKPDC	Pos RT-PCR	Pos RT-PCR
MPW2RN	Pos Quant Trio	Pos Quant Trio
MY2GHN	Pos HemaTrace	Pos HemaTrace
MZP6LB	Pos RSID	Pos RSID

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
N6JHL7	Pos RSID	Pos RSID
NCR6AL	Pos Quantifiler Trio	Pos Quantifiler Trio
NDHRL6	Pos HemaTrace	Pos HemaTrace
NJNN76	Pos HemaTrace	Pos HemaTrace
NNHH47	Pos HemaTrace	Pos HemaTrace
P6RKJJ	Pos PMB	Pos PMB
PKMRVY	Pos HemaTrace	Pos HemaTrace
PPP3PK	Pos HemaTrace	Pos HemaTrace
QCPJ2K	Pos HemaTrace	Pos HemaTrace
QHFGM8	Pos RSID	Pos RSID
QXF8T7	Pos HemaTrace	Pos HemaTrace
RF77BJ	Pos HemaTrace	Pos HemaTrace
RG7FQ2	Pos HemaTrace	Pos HemaTrace
RJUYNR	Pos RSID	Pos RSID
RTJA4K	Pos Quant Trio	Pos Quant Trio
RUDLJE	Pos HemaTrace	Pos HemaTrace
T63UHE	Pos Quant Trio, PP21	Pos Quant Trio, PP21
TA34TQ	Pos Quantifiler Duo Kit	Pos Quantifiler Duo Kit
TBU2CA	Pos PowerQuant	Pos PowerQuant
TPDWFC	Pos HemaTrace	Pos HemaTrace
TU7QP8	Pos PowerQuant	Pos PowerQuant
UQ62K6	Pos PowerQuant	Pos PowerQuant
UXY7E7	Pos PowerQuant	Pos PowerQuant
V2UJEB	Pos Quant Trio	Pos Quant Trio
VK69R9	Pos Quant Trio	Pos Quant Trio
WDBDQG	Pos HemaTrace	Pos HemaTrace
WF6JN7	Pos Quantifiler Trio	Pos Quantifiler Trio
WNYPG8	Pos Quant Trio	Pos Quant Trio
WPZGQ2	Pos HemaTrace	Pos HemaTrace
WRBGTM	Pos HemaTrace	Pos HemaTrace
WZ3WHQ	Pos HemaTrace	Pos HemaTrace
X28QQV	Pos PowerQuant	Pos PowerQuant
XFURW3	Pos HemaTrace	Pos HemaTrace
XHC2FA	Pos RSID-Blood	Pos RSID-Blood
XK6WFP	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
XWB8A6	NT	Pos HemaTrace
YGNWQ2	Pos HemaTrace	Pos HemaTrace
YU7PCM	Pos HemaTrace	Pos HemaTrace
YV28EP	Pos HemaTrace	Pos HemaTrace
ZHR2Q4	Pos PowerQuant	Pos PowerQuant

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 108
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	107	106	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	1	2	
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
2AWF42	Pos Quant Trio	Neg Quant Trio
2EPH82	Pos QUANT TRIO	Neg QUANT TRIO
2HW9VF	Pos Quant Trio, YFP	Neg Quant Trio
2XGET3	Pos PowerQuant	NT
2ZCRFZ	Pos NaOH	Neg NaOH
2ZTREX	Pos Quant Trio	Neg Quant Trio
396MAW	Pos Zygem	NT
3GY6TR	Pos NaOH	Neg NaOH
3RPQB2	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant
4AN78L	Pos PowerQuant	NT
4AP2WJ	Pos Quant Trio	Neg Quant Trio
4V924Z	Pos TRIO	Neg TRIO
4WEH7C	Pos Casework Direct	Neg Casework Direct
699AEM	Pos PowerQuant	NT
72CRQF	Pos Investigator Quantiplex HYres	Neg Investigator Quantiplex HYres
78RPRU	Pos Trio	Neg Trio
7M47UQ	Pos PowerQuant	Neg PowerQuant
7PN2CP	Pos Quant Trio	Neg Quant Trio
86F9YP	Pos QF Trio	Neg QF Trio
8GHY2V	Pos Quantifiler Trio	Neg Quantifiler Trio
8Q8GZW	Pos Quant Trio	Neg Quant Trio
8TXPZZ	Pos Quant Trio	Neg Quant Trio
8ZUPET	Pos Quant Trio	Neg Quant Trio
98XM3P	Pos QF Trio	Neg QF Trio
9KA9AN	Pos Quant Trio	Neg Quant Trio
9QVWBL	Pos Power Quant	NT
A9E2GA	Pos Quant Trio	Neg Quant Trio
AK3FVD	Pos Quantifiler	Neg Quantifiler
ANTD6Q	Pos PowerQuant	Neg PowerQuant
AURZJK	Pos Powerquant	Neg Powerquant
B7H8LT	Pos QF Trio	Neg QF Trio
BCNPB8	Pos PowerQuant	NT
C32JXM	Pos Quantifiler Trio	Neg Quantifiler Trio
CBTHN6	Pos Quant Trio	Pos Quant Trio
CDAZBY	Pos Quantifiler Trio	Neg Quantifiler Trio



TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
CDFABC	Pos Quant Trio	NT
CRREB7	Pos NaOH lysis	Neg NaOH lysis
CTTE2D	Pos Powerquant	NT
DFZCZW	NT	Neg Casework Direct, PowerQuant
DKGQL2	Pos	Neg
EY9WA6	Pos Powerquant	NT
FA7ARG	Pos Trio	Neg Trio
FAN4RQ	Pos TRIO	Neg TRIO
FBVEBN	Pos QF Trio	Neg QF Trio
FCYNDT	Pos Quant Trio	Neg Quant Trio
FZZJYD	Pos quant trio	Neg quant trio
G8UY8H	Pos PowerQuant	NT
GLX6MM	Pos Casework Direct, PowerQuant	NT
GM7H34	Pos PowerQuant	Neg PowerQuant
GVEZ9F	Pos QF Trio	Neg QF Trio
HNZHML	Pos Trio	Neg Trio
HUHX3C	Pos quant trio	Pos quant trio
HVF23E	Pos Casework Direct, Powerquant	Neg QuantTrio
JA29YK	Pos NaOH extraction	Neg NaOH extraction
JNL9ML	Pos	Neg
JV7BUN	Pos ForensicGEM	Neg ForensicGEM
JVJM9Z	Pos Quant	Neg Quant
JYAKDC	Pos POWERQUANT	Neg POWERQUANT
K98Y9F	Pos Quantifiler Trio	Neg Quantifiler Trio
KE3KQT	Pos Y-Screening	Neg Y-Screening
KNTVGR	Pos Casework Direct, PowerQuant	NT
KT9GAU	Pos	Neg
KYMMBB	Pos QF Trio	Neg QF Trio
LGV88C	Pos Quant Trio	Neg Quant Trio
M34D4C	Pos Casework Direct, PowerQuant	NT
MC9YAW	Pos Quant	Neg Quant
MPKPDC	Pos Zygem	NT
MVL3W3	Pos Quant Trio	Inc Quant Trio
MY2GHN	Pos Powerquant	NT
MZP6LB	Pos QF Trio	Neg QF Trio
N6JHL7	Pos QF Trio	Neg QF Trio
N9ZNK2	Pos Casework Direct extraction	Neg Casework Direct extraction

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
NDHRL6	Pos PowerQuant	NT
NJNN76	Pos PowerQuant	Neg PowerQuant
NNHH47	Pos Powerquant	Neg Powerquant
P384UQ	Pos Casework Direct	Neg Casework Direct
P6RKJJ	Pos Quant Trio	Neg Quant Trio
PPP3PK	Pos PowerQuant	NT
PWVPKQ	Pos	Neg
Q7QHXX	Pos Casework Direct	Neg Casework Direct
QHFGM8	Pos QF Trio	Neg QF Trio
QTKDXP	Pos TRIO	Neg TRIO
QXF8T7	Pos PowerQuant	Neg PowerQuant
R6ZY6B	Pos Plexor HY	Neg Plexor HY
RG7FQ2	Pos Powerquant	NT
RJUYNR	Pos QF Trio	Pos QF Trio
RUDLJE	Pos PowerQuant	Neg PowerQuant
RYBCDC	Pos NaOH male screen	Neg NaOH male screen
T2869M	Pos Casework Direct	Neg Casework Direct
T63UHE	Pos Quant Trio, YFP	Neg Quant Trio
TA34TQ	Pos Quantifiler Duo kit	Neg Quantifiler Duo Kit
TPDWFC	Pos PowerQuant	Neg PowerQuant
UU9FJ2	Pos NaOH	Neg NaOH
V2UJEB	Pos Quant Trio	Neg Quant Trio
VK69R9	Pos Quant Trio	Neg Quant Trio
WBQTAY	Pos NaOH	Neg NaOH
WDBDQG	Pos Casework Direct, Powerquant	NT
WF6JN7	Pos Quantifiler Trio	Neg Quantifiler Trio
WNYPG8	Pos Quant Trio	Neg Quant Trio
WPZGQ2	Pos Quant trio	Neg Quant trio
WRBGTM	Pos PowerQuant	NT
WZ3WHQ	Pos Power Quant	Neg Power Quant
X4HFKP	Pos	Neg
XFURW3	Pos PowerQuant	Neg PowerQuant
XTA762	Pos Quantifiler Trio	Neg Quantifiler Trio
XV7K47	Pos TRIO	Neg TRIO
XWNUMD	Pos QuantTrio	Neg QuantTrio
XZTAC6	Pos Quant	Neg Quant
YC42VW	Pos Quantifiler Trio	Neg Quantifiler Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
YGNWQ2	<b>Pos</b> PowerQuant	<b>Neg</b> PowerQuant
YT8V4G	<b>Pos</b> Casework Direct	<b>Neg</b> Casework Direct
YU7PCM	<b>Pos</b> Powerquant	<b>Neg</b> Powerquant
YV28EP	<b>Pos</b> Powerquant	<b>Neg</b> Powerquant

**Table 1e: Serology Screening Response Summary - Y Screening** Participants: **113**

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

	Item 3	Item 4
Positive	<b>112</b>	<b>3</b>
Negative	<b>0</b>	<b>89</b>
Inconclusive	<b>0</b>	<b>1</b>
Not Tested (NT)	<b>1</b>	<b>20</b>
Not Reported	<b>0</b>	<b>0</b>

# 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	
DXQC7N	hair	Neg physical search	hair	Neg physical search
HK6N3R	Feces, Menstrual Blood	Neg Urobilinogen, Micro, and Seratec PMB	Feces, Menstrual Blood	Neg Urobilinogen, Micro, and Seratec PMB
KDZWX8	Amylase	Neg Amylase Diffusion	Amylase	Neg Amylase Diffusion
LGV88C	ALS	Neg	ALS	Neg
N4NGMN	ALS	Neg ALS	ALS	Neg ALS
RYBCDC				Inc AP
WKXHZF	Amylase	Neg Amylase Diffusion	Amylase	Neg Amylase Diffusion
X89KGC	Menstrual Blood	Neg Seratec PMB	Menstrual Blood	Neg Seratec PMB
XK6WFP	Sperm search	Pos 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

24CVBT	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
2723VP	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
273EJZ	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	No result				
2AWF42	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
2DUR49	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
2EPH82	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

2EUEPX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
2HW9VF	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
1	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
2HXN4T	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
2KDU8B	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
2LZG8Z	Investigator® 24plex					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NA				
2MF6WC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
2MTA3J	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

2NZPBA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
2R2478	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
2RFWFF	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
2T7F9W	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
2W8EPF	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
2XGET3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
2ZTRES	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	

TABLE 2

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

## Item 1 - STR Results

32BBJA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No results			No results	
32MQEF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
332MVZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
34YDBL	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
366E7L	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
38RKE3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
396MAW	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	INC				



TABLE 2

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

## Item 1 - STR Results

39HGCQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
3A6FCB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	
3C76DB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
3CKUCG	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
3DMAE9	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
3FQQ8Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
3P4WN9	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

3RPQB2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
3V2ECE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
42HCD8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
444F9C	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
46AKA9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4728K7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
48E2RC	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

4AACTC	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
4AN78L	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4AP2WJ	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4B4JVE	PowerPlex® Fusion SYSTEM (validated excel)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22	9,10	11,15		7,9	11
	16,17					
4CGLPF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4D4P4A	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4H4GLD	PowerPlex® Fusion 6C (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

4KVDB8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NA	NA	16,29.2	7,9	11,11
	16,17	NA	NA	NA	NA	
4LWJ2M	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4LYPH2	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
4PAYA7	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
1	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
4PJ7ZU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4QRUGG	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
4UKKB6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

4V924Z	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4WEH7C	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
4WT3G9	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
1	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
4XZFRW	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
4YNUUN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4Z93R2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
629YXV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

63R6PD	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
68K69F	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
699AEM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
6B8CDG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
6C3CXT	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
6DT9VF	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
6GRY6T	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

6K4DMM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
6KVM63	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
6P372W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
6QCWPL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
6UBQM9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	No Results			No Results	
6YQYDT	PowerPlex® 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
6Z48JF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

726Q99	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
72CRQF	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
73RCV6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
74W68P	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
74WM7Y	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR				
78RPRU	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
7AKG2F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					



TABLE 2

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

Item 1 - STR Results

7CDYNZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
7CPC3Q	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
7FT7T8	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
7K4RNE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
7M47UQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
7N4F8M	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
7PN2CP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

7QYGFJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
7WGPYA	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
7XQFLB	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
7ZJRK6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
8384A8	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
84EGNA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
86F9YP	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

87F2AY	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
8B66QF	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
8FCQED	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
8GHY2V	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8HCLW8	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
8HEK4G	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
8K9VAM	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

8L8WGZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
8MMK6R	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
8N67YB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8PNCTD	PowerPlex® 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
8Q8GZW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8TXAN9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8TXPZZ	GlobalFiler™ (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

8VLJZU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8WELGH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
8Y4T2F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
8YNFRB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
8ZUPET	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
92FC7X	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
92J9LL	Investigator® 24plex QS (GENEMAPPER)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	14,13.2	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

92N3P8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
93UKDG	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
976WT4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
98XM3P	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
9AH8J8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
9BV8T2	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
9EZUNJ	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

9GGRPA	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
9H82FC	PowerPlex® 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
9J4W39	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	-
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	-	-	16,29.2	7,9	11,11
	16,17	-	-	-	-	-
9KA9AN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
9LAX2Q	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
9QVWBL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
9RGDXU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

9VMAPV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
9W8EUT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
9XBLNZ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
A2YDNT	PowerPlex® 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
A42CUW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
A92BQ9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
A9E2GA	GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					



TABLE 2

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

Item 1 - STR Results

ACJCCY	GlobalFiler™ (STRmix v 2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
ACVGNX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
AK3FVD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
AKCKWQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AN624J	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
ANGNUR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NSD			NSD	
ANTD6Q	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

AUKMBJ	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
AURZJK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
AVCBHX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AVXZ78	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AVYB63	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AW9VW7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AWW2EK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

AXHFE8	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
AXUWAE	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
AY6RKK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
B2AR74	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
B7H8LT	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No result			No result	
B7PMGD	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
B7PRPV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

BCNPB8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
BDNYP4	Investigator® 24plex GO!					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
BFFMZR	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NO RESULT				
BGLBZP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
BJG84W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
BMTBHT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
BRAKX4	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

C32JXM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
C4RCMR	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
C9YDGN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
CAR4RA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
CBTHN6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NA			NA	
CDAZBY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
CDFABC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

CE4TTB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
CKKC3C	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
CLKLKG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
CN6VYM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
CNQRHV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
CQM4TF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
CR6KG2	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	-				

TABLE 2

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

Item 1 - STR Results

CRMXUQ	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
CRREB7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
CTTE2D	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
CWLPLB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
D2QHPZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
DCE8V2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	
DF7XXH	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

DFZCZW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
DHTU7A	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DK9RD2	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
DKG76E	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DKGQL2	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
DLUXXV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DRXPF2	Investigator® 24plex GO!					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					



TABLE 2

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

Item 1 - STR Results

DT3YXR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	ND			ND	
DUN26Y	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DV2W48	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
DWUGHW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
DXQC7N	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
DY6JQK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
E426BQ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

E4TFGY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NA	NA	16,29.2	7,9	11,11
	16,17	NSD	NA	NA	NSD	
E6EMH3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
E7TYEL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ECM2QR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
EDZF89	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
EJN9D8	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
EKJL9L	Investigator® 24plex (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	N/A				

TABLE 2

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

Item 1 - STR Results

EKLV7J	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
EPX6K3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
EVMERK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
EY9WA6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
EYYJUJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
F3B9RG	Verifiler Plus					
	11,15.3	17,22	10,14	17,18	11,12	11,12
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
F88CL2	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

FA7ARG	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FAN4RQ	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FBLRCT	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FBVEBN	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No Results			No Results	
FCYNDT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
FFH437	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
FFKMDN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

FGUPYM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
FHM3K7	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
FJ32GN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	NA	NA	16,29.2	7,9	11
	16,17	ND	NA	NA	ND	
FJ7VMU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FKN3UW	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
FPMJXX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
FPT6X8	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

FW9CAW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
FZA4EW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FZZJYD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
G3C9J4	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
G7TJMZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no result			no result	
G8UY8H	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
G8YBVE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 1 - STR Results

G9XCED	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
GAAVFA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
GD784Z	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
GFX4LG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
GKMUPP	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
GL63GK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
GLX6MM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	

TABLE 2

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

Item 1 - STR Results

GM7GXX	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
GM7H34	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
GN8JD9	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
GRB7ER	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
GTEQLT	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
GUUKHR	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
GUXB3C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

GVEZ9F	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
GXGMKE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
GXPW3K	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
H363HE	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
H4A9JY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
HABZHP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
HBHK46	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

HCTAJB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
HDEAZA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
HFB47F	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
HH9372	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HHHGRN	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HK6LF9	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
HK6N3R	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

HND2GQ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HNZHML	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
HTG6XY	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HUHX3C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
HVF23E	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
HWHQM4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
J27Q64	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

JA4HNJ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	-	-	-		
JAHGU8	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
JDGCAE	Investigator® 24plex (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	N/A				
JGZFCL	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
JJQQ3E	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
JKJRD	GlobalFiler™ (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JNL9ML	PowerPlex® Fusion 5C (BulletProof)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

JPEU6W	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
JPXKCV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JRN3U4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JV7BUN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
JVJM9Z	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JWVLLG	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
JXRP6W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

JYAKDC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
K637DW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
K72Y83	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
K7JQE3	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
K8RHC3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
K98Y9F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
K998J9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

KB729R	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no result			no result	
KBAT8L	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KDZWX8	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	-				
KE3KQT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KGHTD4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
KKTZEZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
KMKCFF	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

KMQH7Q	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KN8JEC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KNTVGR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
KNY928	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X	11,11
	21,22				7,9	11,11
	16,17					
KPABM7	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
KPLZMK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
KRYH83	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	



TABLE 2

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

## Item 1 - STR Results

KT2EH6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KT9GAU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KVXEPM	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KX27PP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
KX62HK	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
KYMMBB	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
L788NV	GlobalFiler™ (STRmix 2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	-
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	-	-	16,29.2	7,9	11,11
	16,17	-	-	-	-	

TABLE 2

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

Item 1 - STR Results

L8A44J	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
L9LKGW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
L9TPB2	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LCD48V	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	-
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	-	-	16,29.2	7,9	11,11
	16,17	-	-	-	-	-
LDMJEU	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
LE49WK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LGCUXL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

LGV88C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LK892W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
LLNC32	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LLXZLU	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
LMK4DV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
LVE98W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LZNP6Y	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

M2E4DA	Verifiler Plus					
	11,15.3	17,22	10,14	17,18	11,12	11,12
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
M2QVYK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
M34D4C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
M3QBNA	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
M8P6KY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MBJJ92	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
MC9YAW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

MFN2TF	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
MFU9EB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MGZJ8F	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
MHNQ27	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
MKK64F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
MKTF7Z	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
MLLQ4Z	PowerPlex® 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 1 - STR Results

MPKPDC	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	INC				
MPW2RN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	no results			no results	
MR7XFF	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
MV8YKJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NT
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NT	NT	16,29.2	7,9	11,11
	16,17	NR	NT	NT	NR	
MVL3W3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MW8D9H	PowerPlex® 6c					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	-	-	-		
MWV22J	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

MY2GHN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
MZ4Z4R	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
MZ63JN	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MZP6LB	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
N4NGMN	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
N4XHEN	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
1	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
N6JHL7	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

N6WHJV	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
N9ZNK2	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
NBENZE	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NBEQMX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
NCR6AL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	No Results			No Results	
ND22T8	Verifiler Plus kit					
	11,15.3	17,22	10,14	17,18	11,12	11,12
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
NDHRL6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	



TABLE 2

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

Item 1 - STR Results

NDKKHR	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NDW622	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
NFQ2R9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
NHYMT9	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NJANE8	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NJNN76	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
NLEAXF	Identifiler®					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

Item 1 - STR Results

NLYVY4	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NMUFNN	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17	NID	NID	NID		
NMWL67	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
NNHH47	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
NNQEZP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	
NTFFVN	Investigator® 24plex GO!					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
NUQ6F3	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

NZCW6N	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NZHUWD	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
P26JJH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	N/A
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	N/A	N/A	16,29.2	7,9	11,11
	16,17	N/A	N/A	N/A	N/A	
P384UQ	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
P6RKJJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
P6TQA7	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
P7M9ZT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

P8Z4VE	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
PBE7XX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
PBUJB9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
PC44ZQ	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	--			--	
PDKRMH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PFBX2N	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	-				
PGKJHU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

PKG9WF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PKMRVY	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PMWH9E	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
PNWRT6	Investigator® 24plex QS (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PPP3PK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
PRWX9B	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
PTQ84Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

PWVPKQ	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
PY37WX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
PYDZBJ	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
PZR32C	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
Q3CNCR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Q7D9HH	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
Q7QHxQ	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	-
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	-	7,9	11,11
	16,17	-	-	-	-	

TABLE 2

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

Item 1 - STR Results

QCPJ2K	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QGFJTD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NA	NA	16,29.2	7,9	11,11
	16,17	NA	NA	NA	NA	
QHFGM8	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
QJ6QDA	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
QJL6KK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QPANLE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	N/A
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	N/A	N/A	16,29.2	7,9	11,11
	16,17	N/A	N/A	N/A	N/A	
QPU77N	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

QQP6JA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
QRDW26	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QRYWC4	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
QRZV7B	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
QTKDXP	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QW73FH	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
QWZU8U	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					



TABLE 2

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

Item 1 - STR Results

QXF8T7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
R6PZFL	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
R6ZY6B	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
R7CAZ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RBKJ34	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RBXAVV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RDD9RQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

RF77BJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RG7FQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
RJUYNR	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No Result			No Result	
RL4N3T	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RLA4RB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
RMJ7HF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RNUDG2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	

TABLE 2

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

Item 1 - STR Results

RPCYG6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RPM9Y4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RTJA4K	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	no results			No results	
RTY9TW	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
RUDLJE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
RUHZAL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RVJEBM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 1 - STR Results

RZV3QV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
T2869M	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
T2FLKY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
T63UHE	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
1	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
T6ZRJG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
TA34TQ	Identifiler® Plus, NGM SElect, HDplex					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
TA9U7P	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 1 - STR Results

TBU2CA	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
TFYMJX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
TKTGGY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
TMWD3M	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
TPDWFC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
TQ43TH	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
TRQ77Q	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

TU7QP8	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
TWNHA3	VeriFiler Plus					
	11,15.3	17,22	10,14	17,18	11,12	11,12
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
TYUZ9Y	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
UDPWR9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
UFYRRF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
UK3E2M	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
UKN7WT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 1 - STR Results

UQ62K6	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
UQKD8G	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
UR8R6K	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	
URGVD8	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
UUH2KG	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
UUWYPG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
UWR2M4	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

UXY7E7	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
UYN9TM	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
V2UJEB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
V3RWTG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
V6NYPX	Identifiler® Plus					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
V6WG3A	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
V8MFKE	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					



TABLE 2

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

## Item 1 - STR Results

V8WJHK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
VA2WY7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
VBG2MW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
VK69R9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
VLVGQB	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
VPX3DV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
VWHY4A	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				

TABLE 2

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

Item 1 - STR Results

VZL3HQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
W6VXJ6	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
W7JUUL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
W8HFXJ	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
WDBDQG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
WF6JN7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
WF7JGE	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

WFCKQK	PowerPlex® Fusion 5c					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
WHEY7T	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
WKXHZF	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	-				
WNYPG8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
WPLW2W	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
WPZGQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
WPZJDK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 1 - STR Results

WRBGTM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
WRUJ24	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
WV9ULD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
WZ3WHQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
X28QQV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
X4HFKP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
X4PGQU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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

X4WXB	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
X89KGC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
XACHJR	ID+					
		17,22		17,18	11,12	
1	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
XBG328	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	ND			nd	
XC2ANN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XCQ36U	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
XEEMZP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

XFURW3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
XHC2FA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XJ3C73	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
XK6WFP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
XKCH6P	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
XLJHXN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	-			-	
XMJT4E	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17	NID	NID	NID		

TABLE 2

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

## Item 1 - STR Results

XPNW2P	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
XQ49R8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
XT2QLK	PowerPlex® 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
XTA762	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
XV7K47	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XWB8A6	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
XWHX93	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

XWKBQC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No results			No results	
XWNUMD	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
1	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
XZTAC6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Y22ZXH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Y3UHRL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
YAPY8B	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
YC42VW	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	



TABLE 2

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

Item 1 - STR Results

YEEY9E	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
YEP3FB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
YGNWQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
YH79YD	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
YT8V4G	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
YU7PCM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
YV28EP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

YWG8ED	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
YZNCGY	PowerPlex® Fusion 6C Direct					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
Z2K46J	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Z3PUUK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Z6E2EH	GlobalFiler™ Express					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Z6Y66Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
Z9QJ8D	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 1 - STR Results

ZB6WDN	Investigator® 24plex					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
ZCEXAU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
ZCNLB2	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
ZEYZZZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
ZF3UCH	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
ZHR2Q4	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
ZKRZGG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 1 - STR Results

ZMVJEP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ZUVP2J	GlobalFiler™ (STRmix 2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ZWAUBU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ZWKVLG	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
1	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
ZY6DQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
ZZY7LK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
1	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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 2 - STR Results

24CVBT	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
2723VP	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
273EJZ	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
2AWF42	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
2DUR49	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
2EPH82	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
2EUEPX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

2HW9VF	PowerPlex® 21					
	14,17	19,22		15,16	8,11	12,14
2	10,11	13,13		19,24	9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16					
2HXN4T	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
2KDU8B	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
2LZG8Z	Investigator® 24plex					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
2MF6WC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
2MTA3J	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
2NZPBA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

2R2478	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
2RFWFF	PowerPlex® Fusion 6C (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
2T7F9W	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
2W8EPF	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
2XGET3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
2ZTRES	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
32BBJA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

32MQEF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
332MVZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
34YDBL	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
366E7L	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
38RKE3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
396MAW	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	INC				
39HGCQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	



TABLE 2

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

Item 2 - STR Results

3A6FCB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
3C76DB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
3CKUCG	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
3DMAE9	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
3FQQ8Q	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
3P4WN9	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
3RPQB2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

3V2ECE	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
42HCD8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
444F9C	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
46AKA9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
4728K7	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
48E2RC	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
4AACTC	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

4AN78L	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
4AP2WJ	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
4B4JVE	PowerPlex® Fusion SYSTEM					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
4CGLPF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
4D4P4A	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
4H4GLD	PowerPlex® Fusion 6C (STRMix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
4KVDB8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	NA
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	NA	NA	15,26.2	6,9	8,11
	16,16	10	NA	NA	2	

TABLE 2

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

Item 2 - STR Results

4LWJ2M	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
4LYPH2	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
4PAYA7	PowerPlex® 21					
	14,17	19,22		15,16	8,11	12,14
2	10,11	13,13		19,24	9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16					
4PJ7ZU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
4QRUGG	PowerPlex® Fusion 6C, GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18	2	
4UKKB6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
4V924Z	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				

TABLE 2

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

## Item 2 - STR Results

4WEH7C	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16	10				
4WT3G9	PowerPlex® 21					
	14,17	19,22		15,16	8,11	12,14
2	10,11	13,13		19,24	9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16					
4XZFRW	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
4YNUUN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
4Z93R2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
629YXV	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
63R6PD	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

68K69F	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
699AEM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
6B8CDG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
6C3CXT	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
6DT9VF	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
6GRY6T	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
6K4DMM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

6KVM63	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
6P372W	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
6QCWPL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
6UBQM9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
6YQYDT	PowerPlex® 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
6Z48JF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
726Q99	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

72CRQF	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
73RCV6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
74W68P	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
74WM7Y	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
78RPRU	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
7AKG2F	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
7CDYNZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	



TABLE 2

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

Item 2 - STR Results

7CPC3Q	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
7FT7T8	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
7K4RNE	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
7M47UQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
7N4F8M	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
7PN2CP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
7QYGFJ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

7WGPYA	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
7XQFLB	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
7ZJRK6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
8384A8	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
84EGNA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
86F9YP	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
87F2AY	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

## Item 2 - STR Results

8B66QF	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
8FCQED	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
8GHY2V	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
8HCLW8	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
8HEK4G	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
8K9VAM	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
8L8WGZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

8MMK6R	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
8N67YB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
8PNCTD	PowerPlex® 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
8Q8GZW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
8TXAN9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
8TXPZZ	GlobalFiler™ (STRMix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
8VLJZU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

8WELGH	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
8Y4T2F	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
8YNFRB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
8ZUPET	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
92FC7X	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
92J9LL	Investigator® 24plex QS (GENEMAPPER)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
92N3P8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

93UKDG	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
976WT4	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
98XM3P	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
9AH8J8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
9BV8T2	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
9EZUNJ	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
9GGRPA	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

9H82FC	PowerPlex® 6C (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
9J4W39	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	-
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	-	-	15,26.2	6,9	8,11
	16,16	10	-	-	2	
9KA9AN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
9LAX2Q	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
9QVWBL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
9RGDXU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
9VMAPV	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

Item 2 - STR Results

9W8EUT	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
9XBLNZ	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
A2YDNT	PowerPlex® 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
A42CUW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
A92BQ9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
A9E2GA	GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10,10			2	
ACJCCY	GlobalFiler™ (STRmix v 2.8)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	



TABLE 2

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

Item 2 - STR Results

ACVGNX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
AK3FVD	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
AKCKWQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
AN624J	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
ANGNUR	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
ANTD6Q	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
AUKMBJ	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					

TABLE 2

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

## Item 2 - STR Results

AURZJK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
AVCBHX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
AVXZ78	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
AVYB63	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
AW9VW7	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
AWW2EK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
AXHFE8	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

## Item 2 - STR Results

AXUWAE	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
AY6RKK	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
B2AR74	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
B7H8LT	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
B7PMGD	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
B7PRPV	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
BCNPB8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

BDNYP4	Investigator® 24plex GO!					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
BFFMZR	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
BGLBZP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
BJG84W	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10,0			2,0	
BMTBHT	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
BRAKX4	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
C32JXM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

C4RCMR	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
C9YDGN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
CAR4RA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
CBTHN6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
CDAZBY	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
CDFABC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
CE4TTB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

CKKC3C	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
CLKKG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
CN6VYM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
CNQRHV	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
CQM4TF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
CR6KG2	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
CRMXUQ	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

## Item 2 - STR Results

CRREB7	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
CTTE2D	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
CWLPLB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
D2QHPZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
DCE8V2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
DF7XXH	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
DFZCZW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

DHTU7A	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
DK9RD2	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
DKG76E	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
DKGQL2	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
DLUXV	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
DRXPF2	Investigator® 24plex GO!					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
DT3YXR	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	



TABLE 2

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

Item 2 - STR Results

DUN26Y	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
DV2W48	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
DWUGHW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10		2		
DXQC7N	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
DY6JQK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
E426BQ	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
E4TFGY	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	NA
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	NA	NA	15,26.2	6,9	8,11
	16,16	10	NA	NA	2	

TABLE 2

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

Item 2 - STR Results

E6EMH3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
E7TYEL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ECM2QR	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
EDZF89	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
EJN9D8	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
EKJL9L	Investigator® 24plex					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
EKLV7J	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

EPX6K3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
EVMERK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	11
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
EY9WA6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
EYYJUJ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
F3B9RG	Verifiler Plus					
	14,17	19,22	11,14	15,16	8,11	12,14
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16				2	
F88CL2	PowerPlex® Fusion 6C (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
FA7ARG	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

FAN4RQ	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
FBLRCT	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
FBVEBN	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
FCYNDT	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
FFH437	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
FFKMDN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
FGUPYM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

FHM3K7	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
FJ32GN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	NA
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	NA	NA	15,26.2	6,9	8,11
	16	10	NA	NA	2	
FJ7VMU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
FKN3UW	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
FPMJXX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
FPT6X8	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
FW9CAW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

FZA4EW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
FZZJYD	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
G3C9J4	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
G7TJMZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
G8UY8H	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
G8YBVE	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
G9XCED	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

## Item 2 - STR Results

GAAVFA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GD784Z	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GFX4LG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
GKMUPP	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GL63GK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GLX6MM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
GM7GXX	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

GM7H34	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
GN8JD9	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
GRB7ER	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GTEQLT	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
GUUKHR	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GUXB3C	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
GVEZ9F	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	



TABLE 2

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

Item 2 - STR Results

GXGMKE	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
GXPW3K	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
H363HE	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
H4A9JY	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
HABZHP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
HBHK46	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
HCTAJB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

HDEAZA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
HFB47F	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
HH9372	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
HHHGRN	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
HK6LF9	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
HK6N3R	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
HND2GQ	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

HNZHML	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
HTG6XY	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
HUHX3C	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
HVF23E	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
HWHQM4	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
J27Q64	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
JA4HNJ	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

Item 2 - STR Results

JAHGU8	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
JDGCAE	Investigator® 24plex					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
JGZFCL	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
JJQQ3E	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
JKJRD	GlobalFiler™ (STRMix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
JNL9ML	PowerPlex® Fusion 5C (BulletProof)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16	10				
JPEU6W	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

JPXKCV	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
JRN3U4	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
JV7BUN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
JVJM9Z	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
JWVLLG	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
JXRP6W	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
JYAKDC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

K637DW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
K72Y83	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
K7JQE3	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
K8RHC3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
K98Y9F	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
K998J9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KB729R	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

KBAT8L	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KDZWX8	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KE3KQT	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KGHTD4	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KKTZEZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
KMKCFF	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18	2	
KMQH7Q	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

KN8JEC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KNTVGR	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
KNY928	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
KPABM7	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
KPLZMK	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
KRYH83	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KT2EH6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	



TABLE 2

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

Item 2 - STR Results

KT9GAU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KVXEPM	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
KX27PP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
KX62HK	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
KYMMBB	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
L788NV	GlobalFiler™ (STRmix 2.4.06)					
	14,17	19,22	11,14	15,16	8,11	-
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	-	-	15,26.2	6,9	8,11
	16,16	10	-	-	2	
L8A44J	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

## Item 2 - STR Results

L9LKGW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
L9TPB2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
LCD48V	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	-
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	-	-	15,26.2	6,9	8,11
	16,16	10	-	-	2	
LDMJEU	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
LE49WK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
LGCUXL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
LGV88C	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

LK892W	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
LLNC32	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
LLXZLU	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
LMK4DV	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
LVE98W	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
LZNP6Y	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
M2E4DA	Verifiler Plus					
	14,17	19,22	11,14	15,16	8,11	12,14
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16				2	

TABLE 2

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

Item 2 - STR Results

M2QVYK	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
M34D4C	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
M3QBNA	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
M8P6KY	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MBJJ92	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
MC9YAW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MFN2TF	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

MFU9EB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MGZJ8F	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
MHNQ27	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MKK64F	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MKTF7Z	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
MLLQ4Z	PowerPlex® 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
MPKPDC	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	INC				

TABLE 2

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

Item 2 - STR Results

MPW2RN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MR7XFF	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
MV8YKJ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	NT
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	NT	NT	15,26.2	6,9	8,11
	16,16	10	NT	NT	2	
MVL3W3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MW8D9H	PowerPlex® 6c					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
MWV22J	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
MY2GHN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

## Item 2 - STR Results

MZ4Z4R	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
MZ63JN	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
MZP6LB	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
N4NGMN	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
N4XHEN	PowerPlex® 21					
	14,17	19,22		15,16	8,11	12,14
2	10,11	13,13		19,24	9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16					
N6JHL7	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
N6WHJV	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

N9ZNK2	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
NBENZE	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
NBEQMX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
NCR6AL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ND22T8	Verifiler Plus kit					
	14,17	19,22	11,14	15,16	8,11	12,14
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16				2	
NDHRL6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
NDKKHR	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		



TABLE 2

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

Item 2 - STR Results

NDW622	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
NFQ2R9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
NHYMT9	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
NJANE8	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
NJNN76	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
NLEAXF	Identifiler®					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
NLYVY4	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

NMUFNN	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
NMWL67	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
NNHH47	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
NNQEZP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
NTFFVN	Investigator® 24plex GO!					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
NUQ6F3	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
NZCW6N	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

NZHUWD	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
P26JJH	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	N/A
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	N/A	N/A	15,26.2	6,9	8,11
	16,16	10	N/A	N/A	2	
P384UQ	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16	10				
P6RKJJ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
P6TQA7	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
P7M9ZT	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
P8Z4VE	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

PBE7XX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
PBUJB9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
PC44ZQ	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
PDKRMH	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
PFBX2N	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
PGKJHU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
PKG9WF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

PKMRVY	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
PMWH9E	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
PNWRT6	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				
PPP3PK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
PRWX9B	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
PTQ84Q	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
PWVPKQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

PY37WX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
PYDZBJ	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
PZR32C	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
Q3CNCR	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Q7D9HH	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Q7QHxQ	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	-
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	-	6,9	8,11
	16,16	10	-	-	-	
QCPJ2K	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

QGFJTD	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	NA
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	NA	NA	15,26.2	6,9	8,11
	16,16	10	NA	NA	2	
QHFGM8	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
QJ6QDA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
QJL6KK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
QPANLE	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	N/A
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	N/A	N/A	15,26.2	6,9	8,11
	16,16	10	N/A	N/A	2	
QPU77N	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
QQP6JA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

QRDW26	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
QRYWC4	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
QRZV7B	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
QTKDXP	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
QW73FH	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
QWZU8U	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
QXF8T7	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	



TABLE 2

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

Item 2 - STR Results

R6PZFL	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
R6ZY6B	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
R7CAZ2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RBKJ34	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RBXAVV	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RDD9RQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RF77BJ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

RG7FQ2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
RJUYNR	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
RL4N3T	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RLA4RB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RMJ7HF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RNUDG2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RPCYG6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

RPM9Y4	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RTJA4K	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RTY9TW	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
RUDLJE	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
RUHZAL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RVJEBM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
RZV3QV	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		

TABLE 2

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

Item 2 - STR Results

T2869M	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16	10				
T2FLKY	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
T63UHE	PowerPlex® 21					
	14,17	19,22		15,16	8,11	12,14
2	10,11	13,13		19,24	9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16					
T6ZRJG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
TA34TQ	Identifiler® Plus, NGM SElect, HDplex					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16					
TA9U7P	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
TBU2CA	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

Item 2 - STR Results

TFYMJX	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
TKTGGY	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
TMWD3M	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
TPDWFC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
TQ43TH	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
TRQ77Q	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
TU7QP8	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

Item 2 - STR Results

TWNHA3	VeriFiler Plus					
	14,17	19,22	11,14	15,16	8,11	12,14
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16				2	
TYUZ9Y	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
UDPWR9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
UFYRRF	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
UK3E2M	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
UKN7WT	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
UQ62K6	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

Item 2 - STR Results

UQKD8G	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
UR8R6K	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
URGVD8	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
UUH2KG	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
UUWYPG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
UWR2M4	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
UXY7E7	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		

TABLE 2

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

Item 2 - STR Results

UYN9TM	PowerPlex® Fusion (TrueAllele)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
V2UJEB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
V3RWTG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
V6NYPX	Identifiler® Plus					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
V6WG3A	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
V8MFKE	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
V8WJHK	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		



TABLE 2

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

Item 2 - STR Results

VA2WY7	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
VBG2MW	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
VK69R9	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
VLVGQB	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
VPX3DV	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
VWHY4A	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
VZL3HQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

W6VXJ6	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
W7JUUL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
W8HFXJ	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
WBDQGG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
WF6JN7	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16					
WF7JGE	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
WFCKQK	PowerPlex® Fusion 5c					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

WHEY7T	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
WKXHZF	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
WNYPG8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
WPLW2W	PowerPlex® Fusion					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
WPZGQ2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
WPZJDK	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
WRBGTM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

WRUJ24	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
WV9ULD	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
WZ3WHQ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
X28QQV	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
X4HFKP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
X4PGQU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
X4WXBT	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				

TABLE 2

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

Item 2 - STR Results

X89KGC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XACHJR	ID+					
		19,22		15,16	8,11	
2	10,11	13,13			9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24				6,9	8,11
	16,16					
XBG328	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
XC2ANN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XCQ36U	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
XEEMZP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XFURW3	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

XHC2FA	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XJ3C73	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XK6WFP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XKCH6P	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
XLJHXN	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XMJT4E	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XPNW2P	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

XQ49R8	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XT2QLK	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
XTA762	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
XV7K47	Investigator® 24plex QS					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10				
XWB8A6	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XWHX93	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
XWKBQC	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

XWNUMD	PowerPlex® 21					
	14,17	19,22		15,16	8,11	12,14
2	10,11	13,13		19,24	9,12	9,11
	14,24	13,16	27,31.2		X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16					
XZTAC6	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Y22ZXH	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Y3UHRL	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
YAPY8B	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
YC42VW	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
YEEY9E	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		



TABLE 2

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

Item 2 - STR Results

YEP3FB	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
YGNWQ2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
YH79YD	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
YT8V4G	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16,16	10				
YU7PCM	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
YV28EP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
YWG8ED	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

YZNCGY	PowerPlex® Fusion 6C Direct					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
Z2K46J	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Z3PUUK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Z6E2EH	GlobalFiler™ Express					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Z6Y66Q	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
Z9QJ8D	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16	10	17	18		
ZB6WDN	Investigator® 24plex					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10				

TABLE 2

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

Item 2 - STR Results

ZCEXAU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ZCNLB2	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
ZEYZZZ	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ZF3UCH	PowerPlex® Fusion 5C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13		6,9	8,11
	16	10				
ZHR2Q4	PowerPlex® Fusion 6C					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24	10,13	12,13	15,26.2	6,9	8,11
	16,16	10	17	18		
ZKRZGG	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
ZMVJEP	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 2 - STR Results

ZUVP2J	GlobalFiler™ (STRmix 2.8)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ZWAUBU	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ZWKVLG	GlobalFiler™ (STRmix)					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13,13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16,16	10			2	
ZY6DQ2	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	
ZZY7LK	GlobalFiler™					
	14,17	19,22	11,14	15,16	8,11	
2	10,11	13	13,15	19,24	9,12	9,11
	14,24	13,16	27,31.2	16,17	X,Y	10,11
	21,24			15,26.2	6,9	8,11
	16	10			2	

TABLE 2

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

Item 3 - STR Results

4B4JVE	PowerPlex® Fusion SYSTEM					
	16,16.3	17	10,15	15,16	12	
3	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30,2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9,3	8,12
	16,18	11				
4CGLPF	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13,2,14	30,30,2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9,3	8,11,12
	16,17,18	11			2	
4QRUGG	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13,2,14	30,30,2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9,3	8,11,12
	16,17,18	11	17	18	2	
4WEH7C	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13,2,14	30,30,2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9,3	8,11,12
	16,17,18	11				
AUKMBJ	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30,2,31.2		X,Y	10,11
	23,25				9,3,9,3	8,12
	16,18					
DKG76E	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13,2,14	30,30,2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9,3	8,11,12
	16,17,18	11			2	
G3C9J4	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30,2,31.2		X,Y	10,11
	23,25				9,3,9,3	8,12
	16,18					

TABLE 2

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

Item 3 - STR Results

GM7GXX	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
HDEAZA	GlobalFiler™					
	11,16,16.3	17,22	10,14,15	15,16,17,18	12,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
JNL9ML	PowerPlex® Fusion 5C (BulletProof)					
	[11],[15.3],16,16.3	17,[22]	10,[14],15	15,16,[17],[18]	12,12	
3	[10],12	12,13	[13],14,[15],17	19,21	8,9	[11],13
	12,[13],[14],15	12,[13.2],14	[30],30.2,31.2	[11],16	X,Y	10,11
	[21],23,25	[10],11,13	11,13,[15]		[7],[9],9.3	8,[11],12
	16,[17],18	11				
K8RHC3	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KNY928	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
KPABM7	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
LZNP6Y	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					

TABLE 2

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

Item 3 - STR Results

MKK64F	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MR7XFF	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
N9ZNK2	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
NBEQMX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ND22T8	Verifiler Plus kit					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	11,12,17
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	11,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18				2	
NLEAXF	Identifiler®					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
NTFFVN	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

Item 3 - STR Results

P384UQ	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
PRWX9B	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
PZR32C	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
Q7QHXX	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	-
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	-	7,9,9.3	8,11,12
	16,18	11	-	-	-	
RL4N3T	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
T2869M	PowerPlex® Fusion 5C					
	11,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	14,15,17	19,21	8,9,10	11,13
	12,13,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,11,13	11,13,15		7,9,9.3	8,11,12
	16,18	11				
T2FLKY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	



TABLE 2

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

Item 3 - STR Results

TA9U7P	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
TRQ77Q	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
UKN7WT	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
V6NYPX	Identifiler® Plus					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
WRUJ24	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XACHJR	ID+					
		17,17		15,16	12,12	
3	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
XJ3C73	GlobalFiler™					
	15.3,16,16.3	17,22	10,14,15	15,16,18	12	
3	10,12	12,13	13,14,17	19,21	8,9,10	11,13
	12,13,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16	7,9,9.3	8,11,12
	16,18	11			2	

TABLE 2

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

Item 3 - STR Results

XLJHXN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YT8V4G	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

## Item 3e - STR Results

24CVBT	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
2723VP	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
273EJZ	Identifiler®					
		17,[22]		15,16,17,18	[11],12	
3e	10,[12]	12,13			8,9,10	11,12,13
	12,13,14,15	12,3.2,14	30,30.2,31.2		X,[Y]	[10],11
	21,22,23,25				7,9,9.3	[8],11,[12]
	16,17,18					
2AWF42	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
2DUR49	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
2EPH82	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15,16**	15,16,17,18	11,12	
3e	10,12,13	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
2EUEPX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

2HW9VF	PowerPlex® 21					
	11,15.3,16,16.3	17,22		15,16,17,18	11,12	11,12,17
3e	9,12	12,13		19,21	8,9,10	11,12,13
	13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,25	9,10,13	11,13,15		7,9,9.3	8,11
	16,17,18					
2HXN4T	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
2KDU8B	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
2LZG8Z	Investigator® 24plex (STRMix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
2MF6WC	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
2MTA3J	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
2NZPBA	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	[11],[12],13
	12,13,14,15	12,[13.2],14	[30],30.2,31.2	[11],16	X,Y	10,11
	[21],[22],23,25			15,16,29.2	[7],[9],9.3	[8],11,[12]
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

2R2478	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
2RFWFF	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
2T7F9W	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
2W8EPF	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
2XGET3	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,18	11			2	
2ZTRES	GlobalFiler™ (STRmix 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
32BBJA	GlobalFiler™ (STRmix 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

32MQEF	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,[12]	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,30.2,31.2	11,16	X,[Y]	[10],11
	21,22,23,25			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	[11]			[2]	
332MVZ	GlobalFiler™					
	11,15.3,[16,16.3]	17,22	10,14,[15]	[15,16],17,18	11,12	
3e	10,10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	XX,[Y]	[10],11,11
	21,22,[23,25]			[15],16,29.2	7,9,[9.3]	[8],11,[12]
	16,17,[18]	[11]			[2]	
34YDBL	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11
	16,17,18	11				
366E7L	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16,16.3]	17,22	10,[14],[15]	[15,16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,[10]	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23,25]	9,10,[11,13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
38RKE3	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
396MAW	PowerPlex® Fusion (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	INC				
39HGCQ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

3A6FCB	GlobalFiler™ (STRmix 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
3C76DB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
3CKUCG	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
3DMAE9	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
3FQQ8Q	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
3P4WN9	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
3RPQB2	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	

TABLE 2

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

Item 3e - STR Results

3V2ECE	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
42HCD8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
444F9C	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
46AKA9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4728K7	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
48E2RC	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
4AACTC	PowerPlex® Fusion (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		



TABLE 2

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

## Item 3e - STR Results

4AN78L	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4AP2WJ	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4D4P4A	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4H4GLD	PowerPlex® Fusion 6C (STRMix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
4KVDB8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	NA
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	NA	NA	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	NA	NA	2	
4LWJ2M	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4LYPH2	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 3e - STR Results

4PAYA7	PowerPlex® 21 (STRmix 2.8.0)					
	11,15.3,16,16.3	17,22		15,16,17,18	11,12	11,12,17
3e	10,12	12,13		19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25	9,10,11,13			7,9,9.3	8,11,12
	16,17,18					
4PJ7ZU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4UKKB6	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4V924Z	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16,17	X,Y	10,11
	21,22,23,25			15,16,28.2,29.2	7,9,9.3	8,11,12
	16,17,18	11				
4WT3G9	PowerPlex® 21					
	11,15.3,16,16.3	17,22		15,16,17,18	11,12	11,12,17
3e	10,12	12,13		19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18					
4XZFRW	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
4YNUUN	PowerPlex® ESI17fast					
	11,15.3	17,22	10,14	17,18		
3e		12,13	13,15	19,21		11,12
	13,14	13.2,14	30,31.2	11,16	X	
	21,22			16,29.2	7,9	
	16,17					

TABLE 2

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

Item 3e - STR Results

4Z93R2	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
629YXV	PowerPlex® Fusion 6C (STRMix version 2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
63R6PD	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
68K69F	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
699AEM	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	[11],[12],13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,[29.2]	7,9,9.3	8,[11],[12]
	16,17,18	11			2	
6B8CDG	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,12	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,18				[2]	
6C3CXT	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

## Item 3e - STR Results

6DT9VF	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],16,17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	12,13,14,[15]	[12],13.2,14	30,[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
6GRY6T	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
6K4DMM	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
6KVM63	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
6P372W	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
6QCWPL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
6UBQM9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

6YQYDT	PowerPlex® 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
6Z48JF	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
726Q99	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
72CRQF	Identifiler® Plus					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
73RCV6	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
74W68P	PowerPlex® Fusion 6C					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,Y	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15	[15],16,29.2	7,9,[9.3]	[8],11,[12]
	16,17,[18]	[11]	[17]	[18]		
74WM7Y	PowerPlex® Fusion (5C)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

Item 3e - STR Results

78RPRU	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
7AKG2F	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7CDYNZ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7CPC3Q	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7FT7T8	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7K4RNE	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7M47UQ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	[12],13,14,[15]	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,[25]			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

7N4F8M	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
7PN2CP	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7QYGFJ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
7WGPYA	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16,16.3]	17,22	10,14,[15]	[15,16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,15	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,23,[25]	9,10,[11,13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
7XQFLB	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
7ZJRK6	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,[14],[15]	15,16,17,18	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	[11],16	X,[Y]	[10],11
	21,22,23,25			15,16,[29.2]	[7],[9],9.3	8,11,12
	16,17,18	11			2	
8384A8	PowerPlex® Fusion					
	11,15.3,16,16.3	17	10,14,15	15,16,17	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	22,23,25	10,11,13	11,13		7,9.3	8,11,12
	16,18	11				

TABLE 2

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

Item 3e - STR Results

84EGNA	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
86F9YP	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
87F2AY	Investigator® 24plex					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
8B66QF	Identifiler® Plus					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
8FCQED	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8GHY2V	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8HCLW8	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	



TABLE 2

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

Item 3e - STR Results

8HEK4G	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,[13.2],14	[30],30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,[29.2]	7,[9],9.3	8,11,12
	16,17,18	11			2	
8K9VAM	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
8L8WGZ	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11,12
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8MMK6R	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
8N67YB	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8PNCTD	PowerPlex® 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
8Q8GZW	ID+ (28 cycles), MiniFiler (STRmix 2.7)					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					

TABLE 2

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

Item 3e - STR Results

8TXAN9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8TXPZZ	GlobalFiler™ (STRMix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8VLJZU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8WELGH	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8Y4T2F	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
8YNFRB	GlobalFiler™					
	11,15.3,(16),(16.3)	17,22	10,14,(15)	(15),(16),17,18	11,12	
3e	10,(12)	12,13	13,(14),15,(17)	19,21	(8),9,10	11,12,(13)
	(12),13,14,(15)	(12),13.2,14	30,(30.2),31.2	(11),16	X,(Y)	(10),11
	21,22,(23),(25)			(15),16,29.2	7,9,(9.3)	(8),11
	16,(17),(18)	11			2	
8ZUPET	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

92FC7X	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
92J9LL	Investigator® 24plex QS (GENEMAPPER)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
92N3P8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
93UKDG	PowerPlex® Fusion 5C					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,12	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,15	[12],13.2,14	30,30.2,31.2	11,16	X,Y	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15		7,9,9.3	8,11,12
	16,17,18	11				
976WT4	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
98XM3P	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
9AH8J8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

9BV8T2	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
9EZUNJ	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
9GGRPA	PowerPlex® Fusion (TrueAllele)					
	11,15.3,16,16.3	17,[22]	10,14,15	[15],16,17,18	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	[8],9,10	11,12,13
	[12],13,14,15	12,13.2,14	30,30.2,31.2	[11],16	X,[Y]	[10],11
	21,22,23,25	9,10,11,13	11,[13],[15]		[7],9,9.3	[8],11,12
	16,[17],[18]	11				
9H82FC	PowerPlex® 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11
	16,17,18	11	17	18		
9J4W39	GlobalFiler™ (STRmix v. 2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	-
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	-	-	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	-	-	2	
9KA9AN	GlobalFiler™ (STRMIX)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,16**,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
9LAX2Q	PowerPlex® Fusion 5C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

Item 3e - STR Results

9QVWBL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
9RGDXU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
9VMAPV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
9W8EUT	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	XX,[Y]	[10],11,11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,11,[12]
	16,17,[18]	[11]			[2]	
9XBLNZ	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	XX	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
A2YDNT	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
A42CUW	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

A92BQ9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
A9E2GA	GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ACJCCY	GlobalFiler™ (STRmix v 2.8)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ACVGNX	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AK3FVD	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	10**,11			2	
AKCKWQ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AN624J	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11
	16,17,18	11				

TABLE 2

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

Item 3e - STR Results

ANGNUR	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ANTD6Q	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
AURZJK	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AVCBHX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AVXZ78	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AVYB63	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AW9VW7	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

AWW2EK	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
AXHFE8	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
AXUWAE	PowerPlex® Fusion 5C					
	11,15.3,[16.3]	17,22	10,14,[15]	[15],[16],17,18	[11],12	
3e	10,12	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	12,13,14,15	12,13.2,14	30,[30.2],31.2	11,16	X,Y	[10],11
	21,22,[23],25	9,10,[11],13	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,18	11				
AY6RKK	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
B2AR74	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
B7H8LT	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
B7PMGD	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		



TABLE 2

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

## Item 3e - STR Results

B7PRPV	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
BCNPB8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,18	11			2	
BDNYP4	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
BFFMZR	PowerPlex® Fusion 5C					
	11,15.3,[16.3]	17,[22]	10,14,15	15,16,17,18	[11],12	
3e	10,[12]	12,13	13,14,15,17	19,21	[8],9,10	11,12,13
	[12],13,14,15	12,13.2,14	30,30.2,31.2	11,[15],16	X,[Y]	[10],11
	21,22,23,25	9,10,11,[13]	11,13,15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
BGLBZP	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
BJG84W	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11,0			2,0	
BMTBHT	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

BRAXX4	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
C32JXM	GlobalFiler™ (STRmix v. 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
C4RCMR	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
C9YDGN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
CAR4RA	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
CBTHN6	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	[11],12	
3e	[10],12	12,13	13,14,15,17	19,21	8,9,[10]	[11],[12],13
	12,13,14,15	12,13.2,14	[30],30.2,31.2	[11],16	X,[Y]	10,11
	[21],[22],23,25			15,16,29.2	[7],[9],9.3	8,11,12
	16,17,18	11			2	
CDAZBY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

CDFABC	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
CE4TTB	GlobalFiler™ (STRmix)					
	10,11,14.3,15,15.3,16,16.3	16,17,21,22	9,10,13,14,15	15,16,17,18	10,11,12	
3e	9,10,11,12	11,12,13	12,13,14,15,17	18,19,20,21	8,9,10	10,11,12,13
	12,13,14,15	12,12.2,13,13.2,14	29,30,30.2,31.2	11,15,16,17	X,Y	10,11
	20,21,22,23,24,25			15,15.2,16,28.2,29,29.2	7,9,9.3	8,11,12
	15,16,17,18	11			2	
CKKC3C	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
CLKLKG	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
CN6VYM	GlobalFiler™					
	11,15.3,[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],12
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
CNQRHV	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
CQM4TF	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

CR6KG2	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
CRMUQ	Investigator® 24plex					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
CRREB7	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
CTTE2D	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
CWLPLB	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
D2QHPZ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
DCE8V2	GlobalFiler™ (STRmix v2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

DF7XXH	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
DFZCZW	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
DHTU7A	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	[11],12	
3e	10,[12]	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	[12],13.2,14	30,30.2,31.2	[11],16	X,[Y]	[10],11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
DK9RD2	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,(15)	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	(12),13.2,14	30,(30.2),31.2	11,16	X,Y	(10),11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,(18)	11				
DKGQL2	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
DLUXXV	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
DRXPF2	Investigator® 24plex QS					
	11,15.3,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

## Item 3e - STR Results

DT3YXR	GlobalFiler™					
	11,[15.3],16,[16.3]	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,[14],15,17	19,21	8,9,10	11,[12],13
	12,[13],14,[15]	12,13.2,14	[30],30.2,31.2	11,16	X,Y	[10],11
	21,22,23,25			15,16,[29.2]	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
DUN26Y	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
DV2W48	GlobalFiler™ (STRMIX)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
DXQC7N	Identifiler® Plus					
		17,22		[15],[16],17,18	11,12	
3e	10,[12]	12,13			[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2		X,[Y]	[10],11
	21,22,[23],[25]				7,9,9.3	[8],11,[12]
	16,17,[18]					
DY6JQK	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
E426BQ	PowerPlex® Fusion 6C (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
E4TFGY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	NA
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	NA	NA	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	NA	NA	2	

TABLE 2

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

E6EMH3	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
E7TYEL	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ECM2QR	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
EDZF89	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
EJN9D8	Identifiler® Plus					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
EKJL9L	Investigator® 24plex					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
EKL7J	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

Item 3e - STR Results

EPX6K3	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	15,[16],17,18	[11],12	
3e	10,[12]	12,13	13,[14],15,[17]	19,[21]	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,[29.2]	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
EVMERK	GlobalFiler™					
	15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
EY9WA6	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
EYYJUJ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
F3B9RG	Verifiler Plus					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	11,12,17
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18				2	
F88CL2	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
FA7ARG	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				



TABLE 2

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

Item 3e - STR Results

FAN4RQ	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
FBLRCT	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FBVEBN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FCYNDT	GlobalFiler™ (STRmix v2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FFH437	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FFKMDN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FGUPYM	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	8,9,10	11,12,13
	12,13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	10,11
	21,22,[23],[25]			15,16,29.2	7,9,[9.3]	[8],11,[12]
	16,17,[18]	[11]			[2]	

TABLE 2

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

## Item 3e - STR Results

FHM3K7	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
FJ32GN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	NA
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	NA	NA	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	NA	NA	2	
FJ7VMU	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FKN3UW	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
FPMJXX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FPT6X8	Identifiler® Plus					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
FW9CAW	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

FZA4EW	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
FZZJYD	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
G7TJMZ	GlobalFiler™ (STRmix 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
G8UY8H	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
G8YBVE	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
G9XCED	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GAAVFA	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

GD784Z	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GFX4LG	GlobalFiler™					
	11,15.3	17,22	10,14,[15]	17,18	11,12	
3e	10,[12]	12,13	13,15	19,21	9,10	11,12,[13]
	[12],13,14	13.2,14	30,31.2	11,16	X,[Y]	11
	21,22,[25]			16,29.2	7,9	11
	16,17	[11]				
GKMUPP	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GL63GK	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GLX6MM	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GM7H34	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,12
	16,17,18	11			2	
GN8JD9	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		

TABLE 2

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

## Item 3e - STR Results

GRB7ER	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GTEQLT	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
GUUKHR	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GUXB3C	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GVEZ9F	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GXGMKE	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
GXPW3K	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

H363HE	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
H4A9JY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
HABZHP	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
HBHK46	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
HCTAJB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
HFB47F	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
HH9372	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		

TABLE 2

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

Item 3e - STR Results

HHHGRN	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
HK6LF9	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16,16.3]	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	[30,30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],25	9,10,[11],13	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
HK6N3R	GlobalFiler™ (Bullet Proof Sentry)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
HND2GQ	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
HNZHML	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
HTG6XY	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
HUHX3C	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

HVF23E	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],16,17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	8,9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],25			15,16,29.2	7,9,9.3	[8],11
	16,17,[18]	11			2	
HWHQM4	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,[12]
	16,17,18	11			2	
J27Q64	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
JA4HNJ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
JAHGU8	PowerPlex® Fusion 6C (STRMIX)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
JDGCAE	Investigator® 24plex (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
JGZFCL	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					



TABLE 2

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

## Item 3e - STR Results

JJQQ3E	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
JKJRD	GlobalFiler™ (STRMix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
JPEU6W	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
JPXKCV	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
JRN3U4	GlobalFiler™					
	[11],16,16.3	17,[22]	10,[14],15	15,16,[17,18]	[11],12	
3e	[10],12	12,13	[13],14,[15],17	19,21	8,9,[10]	[11],13
	12,[13],15	12,[13.2],14	[30],30.2,31.2	16	X,Y	10,11
	[21],23,25			15,16	[9],9.3	8,[11],12
	16,[17],18	11			2	
JV7BUN	Investigator® 24plex					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,14,15,17	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11				
JVJM9Z	GlobalFiler™ (STRMix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

Item	Identifiler®					
3e		17,[22]		15,16,17,18	11,12	
	10,[12]	12,13			8,9,10	11,12,13
	12,13,14,15	[10],12,13.2,14	[25],30,30.2,31.2		X,[Y]	[10],11
	21,22,23,25				7,9,9.3	[8],11,[12]
	16,17,18					
3e	GlobalFiler™					
	11,15.3,[16,16.3]	17,22	10,14,[15]	[15,16],17,18	11,12	
	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23,25]			[15],16,29.2	7,9,[9.3]	[8],11,[12]
16,17,[18]	[11]			[2]		
3e	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
16,17,18	11			2		
3e	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	[11],12	
	[10],12	12,13	13,14,15,17	19,21	8,9,10	[11],12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	[11],16	X,[Y]	10,11
	[21],[22],23,25			15,16,[29.2]	[7],[9],9.3	8,11,[12]
16,17,18	11			[2]		
3e	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
16,17,18	11			2		
3e	PowerPlex® Fusion (TrueAllele)					
	11,15.3,16.3	17,22	10,14,[15]	[15],16,17,[18]	11,12	
	10,12	12,13	13,[14],15,[17]	19,21	8,9,10	11,12,13
	[12],13,14,15	13.2,14	30,30.2,31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15		7,9,9.3	[8],11,[12]
16,17,[18]						
3e	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
16,17,18	11			2		

TABLE 2

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

Item 3e - STR Results

K998J9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KB729R	GlobalFiler™ (STRmix version 2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KBAT8L	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KDZWX8	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
KE3KQT	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KGHTD4	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KKTZEZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 3e - STR Results

KMKCFF	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
KMQH7Q	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KN8JEC	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KNTVGR	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
KPLZMK	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
KRYH83	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KT2EH6	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

KT9GAU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KVXEPM	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KX27PP	GlobalFiler™ (STRmix V2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
KX62HK	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15	19,21	9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	11,12
	16,17	11	17	18		
KYMMBB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
L788NV	GlobalFiler™ (STRmix 2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	-
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	-	-	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	-	-	2	
L8A44J	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

L9LKGW	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	[12],[13.2],14	[30],[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,23,25			15,16,29.2	[7],[9],9.3	[8],11,[12]
	16,17,18	11			2	
L9TPB2	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
LCD48V	GlobalFiler™ (STRmix v.2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	-
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	-	-	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	-	-	2	
LDMJEU	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
LE49WK	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
LGCUXL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
LGV88C	GlobalFiler™ (STRmix)					
	11,16,15.3,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18				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 3e - STR Results

LK892W	GlobalFiler™ (STRmix version 2.4.06)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
LLNC32	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	16,17,21,22	9,10,14,15	15,16,17,18	11,12	
3e	10,11,12	11,12,13	13,14,15,17	18,19,21	8,9,10	11,12,13
	12,13,14,15	12,13,13.2,14	30,30.2,31.2	11,15,16,17	X,Y	10,11
	20,21,22,23,24,25			14,15,15.2,16,28.2,29.2	7,9,9.3	8,11,12
	16,17,18	10,11			2	
LLXZLU	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
LMK4DV	GlobalFiler™					
	[11],15.3,[16],[16.3]	17,[22]	10,14,[15]	[15],16,17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,[10]	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
LVE98W	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
M2E4DA	Verifiler Plus					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	11,12,17
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18				2	
M2QVYK	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 3e - STR Results

M34D4C	GlobalFiler™					
	11,15.3,[16],16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	[10],11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
M3QBNA	PowerPlex® Fusion 6C (STRMix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
M8P6KY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MBJJ92	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,15,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
MC9YAW	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MFN2TF	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
MFU9EB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	



TABLE 2

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

Item 3e - STR Results

MGZJ8F	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
MHNQ27	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MKTF7Z	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],[13.2],14	[30],30.2,31.2	11,16	X,[Y]	[10],11
	21,22,[23],25	9,10,[11],[13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
MLLQ4Z	PowerPlex® 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
MPKPDC	PowerPlex® Fusion (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	INC				
MPW2RN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MV8YKJ	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	NT
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	NT	NT	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	NT	NT	2	

TABLE 2

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

Item 3e - STR Results

MVL3W3	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MW8D9H	PowerPlex® 6c					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
MWV22J	PowerPlex® Fusion 6C (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
MY2GHN	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MZ4Z4R	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	11
	21,22,[23],[25]	9,10	11,[13],15		7,9,[9.3]	[8],11
	16,17,[18]	11				
MZ63JN	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
MZP6LB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

N4NGMN	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
N4XHEN	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
3e	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
N6JHL7	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
N6WHJV	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16],[16.3]	17,[22]	10,[14],[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[16],[17]	19,21	[8],9,10	11,12,13
	12,13,14,[15]	[12],13.2,14	[30],[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],[15]		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
NBENZE	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
NCR6AL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
NDHRL6	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

NDKKHR	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
NDW622	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
NFQ2R9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
NHYMT9	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
NJANE8	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
NJNN76	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,[12]
	16,17,18	11			2	
NLYVY4	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		

TABLE 2

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

## Item 3e - STR Results

NMUFNN	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15	[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11	17	18		
NMWL67	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
NNHH47	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
NNQEZP	GlobalFiler™ (STRmix 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
NUQ6F3	PowerPlex® Fusion 5C (STRmix)					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,30.2,31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	[11]				
NZCW6N	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
NZHUWD	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

Item 3e - STR Results

P26JJH	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	N/A
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	N/A	N/A	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	N/A	N/A	2	
P6RKJJ	GlobalFiler™ (BP Sentry)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
P6TQA7	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
P7M9ZT	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
P8Z4VE	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PBE7XX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PBUJB9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

PC44ZQ	GlobalFiler™					
	11,15.3,{16.3}	17,22	10,14,{15}	{15},{16},17,18	11,12	
3e	10,{12}	12,13	13,{14},15,{17}	19,21	{8},9,10	11,12,{13}
	{12},13,14,{15}	{12},13.2,14	30,{30.2},31.2	11,16	X,{Y}	{10},11
	21,22,{23},{25}			{15},16,29.2	7,9,{9.3}	{8},11
	16,17,{18}	{11}			{2}	
PDKRMH	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PFBX2N	PowerPlex® Fusion (TrueAllele)					
	11,15.3,16,[16.3]	17,22	10,14,15	15,[16],17,18	11,12	
3e	10,12	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	12,13,14,[15]	[12],[13.2],14	30,[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],[15]		7,9,9.3	[8],11,[12]
	16,17,[18]	[11]				
PGKJHU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PKG9WF	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PKMRVY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PMWH9E	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 3e - STR Results

PNWRT6	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,24,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
PPP3PK	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PTQ84Q	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PWVPKQ	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PY37WX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
PYDZBJ	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
Q3CNCR	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	



TABLE 2

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

## Item 3e - STR Results

Q7D9HH	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
QCPJ2K	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
QGFJTD	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	NA
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	NA	NA	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	NA	NA	2	
QHFGM8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
QJL6KK	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,18	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	[11],16	X,[Y]	[10],11
	21,22,23,25			[15],16,[29.2]	7,9,9.3	8,11,12
	16,17,18	11			2	
QPANLE	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	N/A
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	N/A	N/A	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	N/A	N/A	2	
QPU77N	GlobalFiler™					
	11,15.3,16,16.3	17,[22]	10,14,15	15,16,17,[18]	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,[10]	[11],[12],13
	12,13,14,15	12,[13.2],14	[30],30.2,31.2	[11],16	X,[Y]	[10],11
	21,22,23,25			[15],16,[29.2]	[7],[9],9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

QQP6JA	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
QRDW26	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
QRYWC4	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	17,18		
QRZV7B	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
QTKDXP	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
QW73FH	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,15		7,9,9.3	8,11,12
	16,17,18					
QWZU8U	GlobalFiler™					
	11,15.3,[16]	17,[22]	10,14,[15]	[15],[16],17,18	[11],12	
3e	10,[12]	12,13	13,15	19,21	[8],9,[10]	11,12,13
	[12],13,14,[15]	[12],13.2,14	[30],[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	11,[12]
	16,17,[18]	11			2	

TABLE 2

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

Item 3e - STR Results

QXF8T7	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
R6PZFL	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
R6ZY6B	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
R7CAZ2	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RBKJ34	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RBXAVV	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RDD9RQ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

RF77BJ	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RG7FQ2	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RJUYNR	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RLA4RB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RMJ7HF	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RNUDG2	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RPCYG6	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

RPM9Y4	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12,[13]	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RTJA4K	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RTY9TW	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
RUDLJE	GlobalFiler™					
	11,15.3,16,[16.3]	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,18	11			2	
RUHZAL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RVJEBM	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
RZV3QV	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		

TABLE 2

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

Item 3e - STR Results

T63UHE	PowerPlex® 21					
	11,15.3,16,16.3	17,22		15,16,17,18	11,12	11,12,17
3e	10,12	12,13		19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18					
T6ZRJG	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
TA34TQ	Identifiler® Plus, NGM SElect, HDplex					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18					
TBU2CA	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
TFYMJX	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
TKTGGY	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
TMWD3M	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

TPDWFC	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	[30],30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
TQ43TH	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
TU7QP8	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
TWNHA3	VeriFiler Plus					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	11,12,17
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18				2	
TYUZ9Y	PowerPlex® Fusion (TrueAllele)					
	11,15.3,[16],16.3	17,22	10,[14],[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,14,15,[17]	19,21	[8],9,10	11,12,13
	12,13,14,15	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,23,[25]	9,10,[11],[13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
UDPWR9	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
UFYRRF	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

UK3E2M	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
UQ62K6	PowerPlex® Fusion 6C (STRmix v.2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	-	-	-		
UQKD8G	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18					
UR8R6K	GlobalFiler™ (STRmix 2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
URGVD8	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
UUH2KG	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
UUWYPG	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	



TABLE 2

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

Item 3e - STR Results

UWR2M4	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
UXY7E7	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
UYN9TM	PowerPlex® Fusion (TrueAllele)					
	11,15.3,16,[16.3]	17,[22]	10,14,[15]	[15],[16],17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	[8],9,[10]	11,12,13
	12,13,14,[15]	[12],13.2,14	30,30.2,31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]	9,10,[11],[13]	11,[13],15		7,9,9.3	[8],11,[12]
	16,17,[18]	11				
V2UJEB	Identifiler® Plus (STRmix v2.7.0)					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
V3RWTG	GlobalFiler™ (STRmix V2.5.11)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
V6WG3A	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
V8MFKE	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

## Item 3e - STR Results

V8WJHK	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
VA2WY7	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,[15]	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
VBG2MW	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
VK69R9	Identifiler® Plus (STRmix 2.7.0)					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
VLVGQB	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
VPX3DV	GlobalFiler™					
	11,15.3,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12,[13]	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	[11]			2	
VVHY4A	Investigator® 24plex					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

Item 3e - STR Results

VZL3HQ	GlobalFiler™					
	11,15.3,[16,16.3]	17,22	10,14,[15]	[15,16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,[13]
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23,25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
W6VXJ6	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
W7JUUL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
W8HFXJ	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
W8BDQG	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
WF6JN7	Identifiler® Plus					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
WF7JGE	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

WFCKQK	PowerPlex® Fusion 5c					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
WHEY7T	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
WKXHZF	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
WNYPG8	Identifiler® Plus (STRmix 2.7.0)					
		17,22		15,16,17,18	11,12	
3e	10,12	12,13			8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25				7,9,9.3	8,11,12
	16,17,18					
WPLW2W	PowerPlex® Fusion					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
WPZGQ2	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
WPZJDK	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		

TABLE 2

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

Item 3e - STR Results

WRBGTM	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
WV9ULD	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
WZ3WHQ	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,[12]
	16,17,18	11			2	
X28QQV	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
X4HFKP	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
X4PGQU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
X4WXBT	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				

TABLE 2

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

## Item 3e - STR Results

X89KGC	GlobalFiler™ (BulletProof Sentry)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XBG328	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XC2ANN	GlobalFiler™ (STRmix)					
	10,11,14.3,15,15.3, 16,16.3	16,17,21,22	9,10,13,14,15	14,15,16,17,18	10,11,12,13	
3e	9,10,11,12,13	11,12,13	12,13,14,15,16,17	18,19,20,21	7,8,9,10	10,11,12,13
	11,12,13,14,15	11,12,12.2,13,13.2, 14	29,29.2,30,30.2,31. 2	10,11,15,16,17	X,Y	9,10,11
	20,21,22,23,24,25			14,14.2,15,15.2,16,17, .28.2,29,29.2	6,7,8,9,9.3	8,10,11,12
	15,16,17,18	10,11			2	
XCQ36U	PowerPlex® Fusion 5C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18	11				
XEEMZP	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XFURW3	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

XHC2FA	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XK6WFP	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XKCH6P	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
XMJT4E	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,[16.3]	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	[8],9,[10]	11,12,13
	12,13,14,15	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,23,25	9,10,[11],13	11,[13],15	[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11	17	18		
XPNW2P	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XQ49R8	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XT2QLK	PowerPlex® 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		

TABLE 2

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

Item 3e - STR Results

XTA762	GlobalFiler™ (STRmix 2.9)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XV7K47	Investigator® 24plex QS (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
XWB8A6	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XWHX93	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XWKBQC	GlobalFiler™ (STRmix v2.4)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
XWNUMD	PowerPlex® 21 (STRmix for #e fraction)					
	11,15.3,16,16.3	17,22		15,16,17,18	11,12	11,12,17
3e	10,12	12,13		19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2		X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15		7,9,9.3	8,11,12
	16,17,18					
XZTAC6	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15,Q	15,16,17,18,Q	11,12	
3e	10,12	12,13	13,14,15,17	18,19,20,21,Q	8,9,10	11,12,13,Q
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,15,16,Q	X,Y	10,11,Q
	21,22,23,25			15,15.2,16,28.2,29.2, Q	7,9,9.3,Q	8,11,12,Q
	15,16,17,18,Q	11			2	



TABLE 2

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

Item 3e - STR Results

Y22ZXH	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
Y3UHRL	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YAPY8B	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YC42VW	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YEEY9E	PowerPlex® Fusion 6C					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
YEP3FB	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YGNWQ2	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	8,9,10	11,12,13
	[12],13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,18	11			2	

TABLE 2

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

## Item 3e - STR Results

YH79YD	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YU7PCM	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,[25]			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
YV28EP	GlobalFiler™					
	11,15.3,[16.3]	17,22	10,14,[15]	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,[17]	19,21	8,9,10	11,12,13
	12,13,14,[15]	12,13.2,14	30,30.2,31.2	11,16	X,Y	[10],11
	21,22,[23],25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			2	
YWG8ED	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
YZNCGY	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
Z2K46J	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
Z3PUUK	GlobalFiler™ (STRmix)					
	11,15,15.3,16,16.3	16,17,22	9,10,14,15	14,15,16,17,18	11,12	
3e	10,11,12	11,12,13	12,13,14,15,16,17	18,19,20,21	8,9,10	11,12,13
	12,13,14,15	12,13,13.2,14	30,30.2,31.2	11,15,16,17	X,Y	10,11
	21,22,23,24,25			14,15,16,28.2,29.2	7,9,9.3	8,11,12
	16,17,18	10,11			2	

TABLE 2

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

Item 3e - STR Results

Z6E2EH	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
Z6Y66Q	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
Z9QJ8D	PowerPlex® Fusion 6C (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25	9,10,11,13	11,13,15	15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11	17	18		
ZB6WDN	Investigator® 24plex (STRmix)					
	11,15.3,16,16.3	17,[22]	10,[14],[15]	15,16,17,18	[11],12	
3e	10,12	12,13	13,14,15,17	19,21	[8],9,[10]	11,12,13
	12,13,14,15	[12],[13.2],14	[30],[30.2],31.2	[11],16	X,[Y]	[10],11
	21,22,23,25			15,16,[29.2]	[7],[9],9.3	[8],11,[12]
	16,[17],[18]	11				
ZCEXAU	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ZCNLB2	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ZEYZZZ	GlobalFiler™					
	11,15.3,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

ZF3UCH	Investigator® 24plex QS					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11				
ZHR2Q4	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
3e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
ZKRZGG	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ZMVJEP	GlobalFiler™					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ZUVP2J	GlobalFiler™ (STRmix 2.8)					
	11,15.3,16,16.3	16,17,22	10,14,15	15,16,17,18	11,12	
3e	9,10,11,12	11,12,13	13,14,15,16,17	19,20,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,15,16	X,Y	10,11
	21,22,23,24,25			15,16,28.2,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ZWAUBU	GlobalFiler™					
	11,15.3,[16],[16.3]	17,22	10,14,15	[15],[16],17,18	11,12	
3e	10,[12]	12,13	13,[14],15,[17]	19,21	[8],9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,[Y]	[10],11
	21,22,[23],[25]			[15],16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	[11]			[2]	
ZWKVLG	GlobalFiler™ (STRmix)					
	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	

TABLE 2

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

Item 3e - STR Results

Item	GlobalFiler™					
ZY6DQ2	11,15.3,16,16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,14,15,17	19,21	8,9,10	11,12,13
	12,13,14,15	12,13.2,14	30,30.2,31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	8,11,12
	16,17,18	11			2	
ZZY7LK	11,15.3,[16],16.3	17,22	10,14,15	15,16,17,18	11,12	
3e	10,12	12,13	13,[14],15,[17]	19,21	8,9,10	11,12,13
	[12],13,14,[15]	[12],13.2,14	30,[30.2],31.2	11,16	X,Y	10,11
	21,22,23,25			15,16,29.2	7,9,9.3	[8],11,[12]
	16,17,[18]	11			[2]	

TABLE 2

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

## Item 3sp - STR Results

24CVBT	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
2723VP	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
273EJZ	Identifiler®					
		17		15,16	12	
3sp	12	12,13			8,9	[11],13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				[4],9.3	8,[11],12
	16,18					
2AWF42	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
2DUR49	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
2EPH82	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,16**,17	19,21	8,9	13,14**
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,11**,12
	16,18	11			2	
2EUEPX	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

2HW9VF	PowerPlex® 21					
	16,16.3	17,17		15,16	12,12	11,17
3sp	12,12	12,13		19,21	8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25	11,13	11,13		9.3,9.3	8,12
	16,18					
2HXN4T	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
2KDU8B	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
2LZG8Z	Investigator® 24plex (STRMix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
2MF6WC	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
2MTA3J	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
2NZPBA	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

2R2478	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
2RFWFF	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
2T7F9W	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
2W8EPF	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
2XGET3	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
2ZTREX	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
32BBJA	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	



TABLE 2

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

## Item 3sp - STR Results

32MQEF	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
332MVZ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
34YDBL	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
366E7L	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
38RKE3	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
396MAW	PowerPlex® Fusion (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	INC				
39HGCQ	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

3A6FCB	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
3C76DB	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
3CKUCG	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
3DMAE9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
3FQQ8Q	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
3P4WN9	PowerPlex® Fusion 6C					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
3RPQB2	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

3V2ECE	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
42HCD8	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
444F9C	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
46AKA9	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
4728K7	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
48E2RC	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
4AACTC	PowerPlex® Fusion (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

4AN78L	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
4AP2WJ	GlobalFiler™ (STRmix)					
	16,16.3	17	10,14,15	15,16,18	12	
3sp	10,12	12,13	14,17	19,21	8,9	12,13
	12,14,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9,9.3	8,11,12
	16,17,18	11			2	
4D4P4A	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
4H4GLD	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
4KVDB8	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	NA
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	NA	NA	15,16	9.3,9.3	8,12
	16,18	11	NA	NA	2	
4LWJ2M	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
4LYPH2	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

4PAYA7	PowerPlex® 21 (STRmix 2.8.0)					
	16,16.3	17,17		15,16	12,12	11,17
3sp	12,12	12,13		19,21	8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25	11,13			9.3,9.3	8,12
	16,18					
4PJ7ZU	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
4UKKB6	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
4V924Z	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
4WT3G9	PowerPlex® 21					
	16,16.3	17,17		15,16	12,12	11,17
3sp	12,12	12,13		19,21	8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25	11,13	11,13		9.3,9.3	8,12
	16,18					
4XZFRW	GlobalFiler™ (STRmix)					
	16,16.3	17,22	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
4YNUUN	PowerPlex® ESI17fast					
	16,16.3	17	10,15	15,16		
3sp		12,13	14,17	19,21		13,13
	12,15	12,14	30.2,31.2	16	X,Y	
	23,25			15,16	9.3	
	16,18					

TABLE 2

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

Item 3sp - STR Results

4Z93R2	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
629YXV	PowerPlex® Fusion 6C (STRMix version 2.8)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
63R6PD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
68K69F	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
699AEM	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
6B8CDG	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
6C3CXT	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				

TABLE 2

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

Item 3sp - STR Results

6DT9VF	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
6GRY6T	PowerPlex® Fusion 6C					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
6K4DMM	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
6KVM63	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
6P372W	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
6QCWPL	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
6UBQM9	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

6YQYDT	PowerPlex® 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
6Z48JF	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
726Q99	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
72CRQF	Identifiler® Plus					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
73RCV6	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
74W68P	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
74WM7Y	PowerPlex® Fusion (5C)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				



TABLE 2

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

Item 3sp - STR Results

78RPRU	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
7AKG2F	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
7CDYNZ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
7CPC3Q	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
7FT7T8	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
7K4RNE	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
7M47UQ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

7N4F8M	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
7PN2CP	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
7QYGFJ	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	[21],23,25			15,16	9.3	8,12
	16,18	11			2	
7WGPYA	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
7XQFLB	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
7ZJRK6	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8384A8	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				

TABLE 2

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

## Item 3sp - STR Results

84EGNA	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
86F9YP	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
87F2AY	Investigator® 24plex					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
8B66QF	Identifiler® Plus					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
8FCQED	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8GHY2V	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
8HCLW8	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

8HEK4G	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8K9VAM	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
8L8WGZ	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8MMK6R	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
8N67YB	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
8PNCTD	PowerPlex® 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
8Q8GZW	ID+ (28 cycles), MiniFiler (STRmix 2.7)					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					

TABLE 2

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

## Item 3sp - STR Results

8TXAN9	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
8TXPZZ	GlobalFiler™ (STRMix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8VLJZU	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
8WELGH	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8Y4T2F	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
8YNFRB	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
8ZUPET	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

92FC7X	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
92J9LL	Investigator® 24plex QS (GENEMAPPER)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
92N3P8	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
93UKDG	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
976WT4	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
98XM3P	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
9AH8J8	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

9BV8T2	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
9EZUNJ	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
9GGRPA	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,[13]	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
9H82FC	PowerPlex® 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
9J4W39	GlobalFiler™ (STRmix v. 2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	-
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	-	-	15,16	9.3,9.3	8,12
	16,18	11	-	-	2	
9KA9AN	GlobalFiler™ (STRMIX)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
9LAX2Q	PowerPlex® Fusion 5C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				

TABLE 2

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

## Item 3sp - STR Results

9QVWBL	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
9RGDXU	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
9VMAPV	PowerPlex® Fusion 6C					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
9W8EUT	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
9XBLNZ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
A2YDNT	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
A42CUW	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	



TABLE 2

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

Item 3sp - STR Results

A92BQ9	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
A9E2GA	GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
ACJCCY	GlobalFiler™ (STRmix v 2.8)					
	16,16.3	17	10,15	15,16	12	
3sp	[10],12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	[21],23,25			15,16	9.3	8,12
	16,18	11			2	
ACVGNX	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
AK3FVD	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
AKCKWQ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
AN624J	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				

TABLE 2

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

Item 3sp - STR Results

ANGNUR	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
ANTD6Q	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
AURZJK	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
AVCBHX	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
AVXZ78	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
AVYB63	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
AW9VW7	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

AWW2EK	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
AXHFE8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
AXUWAE	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
AY6RKK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
B2AR74	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
B7H8LT	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
B7PMGD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		

TABLE 2

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

## Item 3sp - STR Results

B7PRPV	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
BCNPB8	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
BDNYP4	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
BFFMZR	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	[15],16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
BGLBZP	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
BJG84W	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11,0			2,0	
BMTBHT	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17	9,10,14,15	14,15,16	11,12	
3sp	11,12	11,12,13	13,14,16,17	18,19,20,21	7,8,9	12,13
	11,12,14,15	11,12,13,14	29.2,30.2,31.2	15,16,17	X,Y	9,10,11
	22,23,24,25			14,15,16	9.3	8,11,12
	15,16,17,18	11			2	

TABLE 2

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

Item 3sp - STR Results

BRAXX4	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
C32JXM	GlobalFiler™ (STRmix v. 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
C4RCMR	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
C9YDGN	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
CAR4RA	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
CBTHN6	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
CDAZBY	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

CDFABC	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
CE4TTB	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17	9,10,14,15	14,15,16	11,12	
3sp	11,12	11,12,13	13,14,16,17	18,19,20,21	8,9	12,13
	11,12,14,15	11,12,13,14	29.2,30.2,31.2	15,16,17	X,Y	9,10,11
	22,23,24,25			14,14.2,15,15.2,16	9.3	8,12
	15,16,17,18	10,11			2	
CKKC3C	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
CLKLKG	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
CN6VYM	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
CNQRHV	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
CQM4TF	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

CR6KG2	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
CRMUQ	Investigator® 24plex					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
CRREB7	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
CTTE2D	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
CWLPLB	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
D2QHPZ	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
DCE8V2	GlobalFiler™ (STRmix v2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

DF7XXH	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
DFZCZW	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,[21]	8,9	13,13
	12,15	12,[14]	30.2,31.2	16,16	X,Y	[10],11
	23,25			15,16	9.3,9.3	[8,12]
	[16,18]	11			2	
DHTU7A	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
DK9RD2	Investigator® 24plex QS					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
DKGQL2	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,11,12
	16,18	11	17	18		
DLUXXV	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
DRXPF2	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				



TABLE 2

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

Item 3sp - STR Results

DT3YXR	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
DUN26Y	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
DV2W48	GlobalFiler™ (STRMIX)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
DXQC7N	Identifiler® Plus					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
DY6JQK	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
E426BQ	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
E4TFGY	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	NA
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	NA	NA	15,16	9.3,9.3	8,12
	16,18	11	NA	NA	2	

TABLE 2

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

E6EMH3	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
E7TYEL	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
ECM2QR	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
EDZF89	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
EJN9D8	Identifiler® Plus					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
EKJL9L	Investigator® 24plex					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
EKL7J	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				

TABLE 2

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

Item 3sp - STR Results

EPX6K3	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
EVMERK	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
EY9WA6	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
EYYJUJ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
F3B9RG	Verifiler Plus					
	16,16.3	17	10,15	15,16	12	11,17
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18				2	
F88CL2	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
FA7ARG	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				

TABLE 2

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

## Item 3sp - STR Results

FAN4RQ	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
FBLRCT	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
FBVEBN	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
FCYNDT	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
FFH437	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
FFKMDN	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
FGUPYM	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

FHM3K7	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
FJ32GN	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	NA
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	NA	NA	15,16	9.3	8,12
	16,18	11	NA	NA	2	
FJ7VMU	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
FKN3UW	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
FPMJXX	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
FPT6X8	Identifiler® Plus					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
FW9CAW	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

FZA4EW	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
FZZJYD	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
G7TJMZ	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
G8UY8H	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
G8YBVE	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
G9XCED	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GAAVFA	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

GD784Z	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GFX4LG	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
GKMUPP	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GL63GK	GlobalFiler™					
	16,16.3	17,[22]	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GLX6MM	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
GM7H34	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
GN8JD9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

GRB7ER	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GTEQLT	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
GUUKHR	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GUXB3C	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
GVEZ9F	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
GXGMKE	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
GXPW3K	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	



TABLE 2

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

Item 3sp - STR Results

H363HE	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
H4A9JY	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
HABZHP	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
HBHK46	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
HCTAJB	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
HFB47F	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	[11],13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
HH9372	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16,17	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

HHHGRN	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
HK6LF9	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
HK6N3R	GlobalFiler™ (Bullet Proof Sentry)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
HND2GQ	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
HNZHML	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
HTG6XY	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
HUHX3C	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13,14
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

HVF23E	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
HWHQM4	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
J27Q64	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
JA4HNJ	PowerPlex® Fusion 6C					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
JAHGU8	PowerPlex® Fusion 6C (STRMIX)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
JDGCAE	Investigator® 24plex (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
JGZFCL	PowerPlex® Fusion 6C					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		

TABLE 2

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

## Item 3sp - STR Results

JJQQ3E	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
JKJRD	GlobalFiler™ (STRMix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
JPEU6W	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
JPXKCV	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
JRN3U4	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
JV7BUN	Investigator® 24plex					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
JVJM9Z	GlobalFiler™ (STRMix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

Item	Identifiler®						
JWVLLG		17		15,16	12		
	3sp	12	12,13		8,9	13	
		12,15	12,14	30.2,31.2		X,Y	10,11
		23,25			[4],9.3		8,12
		16,18					
JXRP6W	GlobalFiler™						
	3sp	16,16.3	17	10,15	15,16	12	
		12	12,13	14,17	19,21	8,9	13
		12,15	12,14	30.2,31.2	16	X,Y	10,11
		23,25			15,16	9.3	8,12
	16,18	11			2		
JYAKDC	GlobalFiler™						
	3sp	16,16.3	17,17	10,15	15,16	12,12	
		12,12	12,13	14,17	19,21	8,9	13,13
		12,15	12,14	30.2,31.2	16,16	X,Y	10,11
		23,25			15,16	9.3,9.3	8,12
	16,18	11			2		
K637DW	GlobalFiler™						
	3sp	16,16.3	17	10,15	15,16	12	
		12	12,13	14,17	19,21	8,9	13
		12,15	12,14	30.2,31.2	16	X,Y	10,11
		23,25			15,16	9.3	8,12
	16,18	11			2		
K72Y83	GlobalFiler™						
	3sp	16,16.3	17	10,15	15,16	12	
		12	12,13	14,17	19,21	8,9	13
		12,15	12,14	30.2,31.2	16	X,Y	10,11
		23,25			15,16	9.3	8,12
	16,18	11			2		
K7JQE3	PowerPlex® Fusion (TrueAllele)						
	3sp	16,[16.3]	17	10,15	15,16	12	
		12	[12],13	14,17	19,21	8,9	13
		[12],15	12,14	30.2,31.2	16	X,Y	10,11
		23,25	11,13	11,13		9.3	8,12
	16,18	11					
K98Y9F	GlobalFiler™ (STRmix)						
	3sp	16,16.3	17,17	10,15	15,16	12,12	
		12,12	12,13	14,17	19,21	8,9	13,13
		12,15	12,14	30.2,31.2	16,16	X,Y	10,11
		23,25			15,16	9.3,9.3	8,12
	16,18	11			2		

TABLE 2

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

## Item 3sp - STR Results

K998J9	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KB729R	GlobalFiler™ (STRmix version 2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
KBAT8L	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KDZWX8	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
KE3KQT	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KGHTD4	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KKTZEZ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

KMKCFF	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
KMQH7Q	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KN8JEC	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KNTVGR	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
KPLZMK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
KRYH83	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KT2EH6	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

KT9GAU	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KVXEPM	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
KX27PP	GlobalFiler™ (STRmix V2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
KX62HK	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16,[18]	12	
3sp	[10],12	12,13	14,[15],17	19,21	8,9,[10]	[11],13
	12,15	12,14	[30],30.2,31.2	16	X,Y	10,11
	[21],23,25	11,13	11,13	15,16	[7],[9],9.3	8,[11],12
	16,18	11	17	18		
KYMMBB	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
L788NV	GlobalFiler™ (STRmix 2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	-
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	-	-	15,16	9.3,9.3	8,12
	16,18	11	-	-	2	
L8A44J	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	



TABLE 2

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

Item 3sp - STR Results

L9LKGW	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
L9TPB2	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
LCD48V	GlobalFiler™ (STRmix v.2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	-
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	-	-	15,16	9.3,9.3	8,12
	16,18	11	-	-	2	
LDMJEU	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
LE49WK	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
LGCUXL	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
LGV88C	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

LK892W	GlobalFiler™ (STRmix version 2.4.06)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
LLNC32	GlobalFiler™ (STRmix)					
	11,15,15.3,16,16.3	16,17,22	9,10,14,15	14,15,16,17,18	11,12	
3sp	10,11,12	11,12,13	13,14,15,16,17	18,19,20,21	7,8,9,10	11,12,13
	11,12,13,14,15	11,12,13,13.2,14	29.2,30,30.2,31.2	11,15,16,17	X,Y	9,10,11
	21,22,23,24,25			14,14.2,15,15.2,16,29.2	7,9,9.3	8,11,12
	15,16,17,18	10,11			2	
LLXZLU	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
LMK4DV	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
LVE98W	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
M2E4DA	Verifiler Plus					
	16,16.3	17	10,15	15,16	12	11,17
3sp	[10],12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18				2	
M2QVYK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

M34D4C	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
M3QBNA	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
M8P6KY	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
MBJJ92	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
MC9YAW	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
MFN2TF	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
MFU9EB	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

MGZJ8F	PowerPlex® Fusion 6C					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
MHNQ27	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
MKTF7Z	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
MLLQ4Z	PowerPlex® 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
MPKPDC	PowerPlex® Fusion (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	INC				
MPW2RN	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
MV8YKJ	GlobalFiler™ (STRmix)					
	16,16.3	16,17	9,10,14,15	14,15,16	11,12	NT
3sp	11,12	11,12,13	13,14,16,17	18,19,20,21	8,9	12,13
	11,12,14,15	11,12,13,14	29.2,30.2,31.2	15,16,17	X,Y	9,10,11
	22,23,24,25,26	NT	NT	15,16	8.3,9.3	8,11,12
	15,16,17,18	11	NT	NT	2	

TABLE 2

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

Item 3sp - STR Results

MVL3W3	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
MW8D9H	PowerPlex® 6c					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
MWV22J	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
MY2GHN	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
MZ4Z4R	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
MZ63JN	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
MZP6LB	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

N4NGMN	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
N4XHEN	PowerPlex® 21					
	16,16.3	17,17		15,16	12,12	11,17
3sp	12,12	12,13		19,21	8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25	11,13	11,13		9.3,9.3	8,12
	16,18					
N6JHL7	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
N6WHJV	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
NBENZE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
NCR6AL	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
NDHRL6	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

NDKKHR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
NDW622	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
NFQ2R9	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
NHYMT9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
NJANE8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
NJNN76	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
NLYVY4	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

NMUFNN	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	16,16.3	17	10,15	15,16	12	
3sp	[10],12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
NMWL67	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
NNHH47	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
NNQEZP	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
NUQ6F3	PowerPlex® Fusion 5C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
NZCW6N	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
NZHUWD	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				



TABLE 2

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

Item 3sp - STR Results

P26JJH	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	N/A
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	N/A	N/A	15,16	9.3,9.3	8,12
	16,18	11	N/A	N/A	2	
P6RKJJ	GlobalFiler™ (BP Sentry)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
P6TQA7	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
P7M9ZT	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
P8Z4VE	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
PBE7XX	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
PBUJB9	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

PC44ZQ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	{10},12	12,13	14,17	19,21	8,9	{12},13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,{11},12
	16,{17},18	11			2	
PDKRMH	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
PFBX2N	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
PGKJHU	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
PKG9WF	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
PKMRVY	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
PMWH9E	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

PNWRT6	Investigator® 24plex QS (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
PPP3PK	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
PTQ84Q	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
PWVPKQ	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
PY37WX	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
PYDZBJ	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
Q3CNCR	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

Q7D9HH	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
QCPJ2K	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
QGFJTD	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	NA
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	NA	NA	15,16	9.3,9.3	8,12
	16,18	11	NA	NA	2	
QHFGM8	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
QJL6KK	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
QPANLE	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	N/A
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	N/A	N/A	15,16	9.3,9.3	8,12
	16,18	11	N/A	N/A	2	
QPU77N	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

QQP6JA	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
QRDW26	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
QRYWC4	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
QRZV7B	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
QTKDXP	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
QW73FH	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
QWZU8U	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

QXF8T7	GlobalFiler™					
	16,16.3	17,17	10,15	[15],16	12,12	
3sp	12,12	12,13	[14,17]	[19,21]	8,9	13,13
	12,15	[12,14]	30.2,[31.2]	16,16	X,Y	[10],11
	23,25			15,16	9.3,9.3	[8,12]
	[16,18]	11			2	
R6PZFL	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
R6ZY6B	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
R7CAZ2	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RBKJ34	GlobalFiler™					
	[11],[15.3],16,16.3	17,[22]	10,[14],15	15,16,[17],[18]	[11],12	
3sp	[10],12	12,13	[13],14,[15],17	19,21	8,9,[10]	[11],13
	12,[13],[14],15	12,[13.2],14	[30],30.2,31.2	[11],16	X,Y	10,11
	[21],[22],23,25			15,16,[29.2]	[7],[9],9.3	8,[11],12
	16,[17],18	11			2	
RBXAVV	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RDD9RQ	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

RF77BJ	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RG7FQ2	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
RJUYNR	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
RLA4RB	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RMJ7HF	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RNUDG2	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RPCYG6	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12,[13]	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

RPM9Y4	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RTJA4K	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RTY9TW	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
RUDLJE	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
RUHZAL	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RVJEBM	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
RZV3QV	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		



TABLE 2

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

Item 3sp - STR Results

T63UHE	PowerPlex® 21					
	16,16.3	17,17		15,16	12,12	11,17
3sp	12,12	12,13		19,21	8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25	11,13	11,13		9.3,9.3	8,12
	16,18					
T6ZRJG	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
TA34TQ	Identifiler® Plus, NGM SElect, HDplex					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18					
TBU2CA	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
TFYMJX	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
TKTGGY	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
TMWD3M	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

TPDWFC	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
TQ43TH	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
TU7QP8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
TWNHA3	VeriFiler Plus					
	[11],16,16.3	17	10,15	15,16	12	11,17
3sp	[10],12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13,[15]		[9],9.3	8,12
	16,18				2	
TYUZ9Y	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
UDPWR9	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
UFYRRF	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

UK3E2M	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
UQ62K6	PowerPlex® Fusion 6C (STRmix v.2.8)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
UQKD8G	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
UR8R6K	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
URGVD8	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
UUH2KG	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
UUWYPG	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

UWR2M4	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
UXY7E7	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
UYN9TM	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
V2UJEB	Identifiler® Plus (STRmix v2.7.0)					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
V3RWTG	GlobalFiler™ (STRmix V2.5.11)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
V6WG3A	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
V8MFKE	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				

TABLE 2

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

Item 3sp - STR Results

V8WJHK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
VA2WY7	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
VBG2MW	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
VK69R9	Identifiler® Plus (STRmix 2.7.0)					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
VLVGQB	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
VPX3DV	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
VWHY4A	Investigator® 24plex					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				

TABLE 2

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

## Item 3sp - STR Results

VZL3HQ	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
W6VXJ6	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
W7JUUL	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
W8HFXJ	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
WBDQGG	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
WF6JN7	Identifiler® Plus					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
WF7JGE	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

WFCKQK	PowerPlex® Fusion 5c					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
WHEY7T	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
WKXHZF	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
WNYPG8	Identifiler® Plus (STRmix 2.7.0)					
		17,17		15,16	12,12	
3sp	12,12	12,13			8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25				9.3,9.3	8,12
	16,18					
WPLW2W	PowerPlex® Fusion					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
WPZGQ2	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
WPZJDK	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		

TABLE 2

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

Item 3sp - STR Results

WRBGTM	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
WV9ULD	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
WZ3WHQ	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
X28QQV	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
X4HFKP	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
X4PGQU	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
X4WXBT	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				



TABLE 2

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

## Item 3sp - STR Results

X89KGC	GlobalFiler™ (BulletProof Sentry)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XBG328	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
XC2ANN	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17	9,10,14,15	14,15,16	11,12	
3sp	11,12	11,12,13	13,14,16,17	18,19,20,21	8,9	12,13
	11,12,13,14,15	11,12,13,14	29.2,30.2,31.2	15,16,17	X,Y	9,10,11
	22,23,24,25			14,15,15.2,16	9.3	8,12
	15,16,17,18	10,11			2	
XCQ36U	PowerPlex® Fusion 5C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13		9.3	8,12
	16,18	11				
XEEMZP	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XFURW3	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
XHC2FA	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

XK6WFP	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XKCH6P	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
XMJT4E	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
	12	12,13	14,[15],17	19,21	8,9,[10]	13
	12,[13],15	12,14	30.2,31.2	[11],16	X,Y	10,11
	23,25	11,13	11,13	15,16	[7],[9],9.3	8,[11],12
	16,18	11	17	18		
XPNW2P	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XQ49R8	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XT2QLK	PowerPlex® 6C					
	16,16.3	17	10,15	15,16	12	
	12	12,13	14,17	19,21	8,9	[11],13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
XTA762	GlobalFiler™ (STRmix 2.9)					
	16,16.3	17,17	10,15	15,16	12,12	
	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

XV7K47	Investigator® 24plex QS (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				
XWB8A6	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XWHX93	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
XWKBQC	GlobalFiler™ (STRmix v2.4)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
XWNUMD	PowerPlex® 21 (STRmix for #e fraction)					
	16,16.3	17,17		15,16	12,12	11,17
3sp	12,12	12,13		19,21	8,9	13,13
	12,15	12,14	30.2,31.2		X,Y	10,11
	23,25	11,13	11,13		9.3,9.3	8,12
	16,18					
XZTAC6	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
Y22ZXH	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

Y3UHRL	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
YAPY8B	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
YC42VW	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
YEEY9E	PowerPlex® Fusion 6C					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
YEP3FB	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
YGNWQ2	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	[8],12
	16,18	11			2	
YH79YD	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

YU7PCM	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
YV28EP	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
YWG8ED	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
YZNCGY	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
Z2K46J	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
Z3PUUK	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17	9,10,14,15	14,15,16,17	11,12	
3sp	10,11,12	11,12,13	13,14,16,17	18,19,20,21	8,9,10	11,12,13
	11,12,14,15	11,12,13,14	29.2,30.2,31.2	15,16,17	X,Y	9,10,11
	22,23,24,25,26			14,14.2,15,16,29.2	9.3	8,11,12
	15,16,17,18	10,11			2	
Z6E2EH	GlobalFiler™ (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

## Item 3sp - STR Results

Z6Y66Q	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
Z9QJ8D	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3	8,12
	16,18	11	17	18		
ZB6WDN	Investigator® 24plex (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11				
ZCEXAU	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
ZCNLB2	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
ZEYZZZ	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
ZF3UCH	Investigator® 24plex QS					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11				

TABLE 2

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

## Item 3sp - STR Results

ZHR2Q4	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25	11,13	11,13	15,16	9.3,9.3	8,12
	16,18	11	17	18		
ZKRZGG	GlobalFiler™					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
ZMVJEP	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
ZUVP2J	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3	16,17	9,10,15	14,15,16	11,12	
3sp	11,12	11,12,13	13,14,16,17	19,21	8,9	12,13
	11,12,14,15	12,14	29.2,30.2,31.2	15,16	X,Y	10,11
	22,23,24,25			14,15,16	9.3	8,12
	15,16,17,18	10,11			2	
ZWAUBU	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	
ZWKVLG	GlobalFiler™ (STRmix)					
	16,16.3	17,17	10,15	15,16	12,12	
3sp	12,12	12,13	14,17	19,21	8,9	13,13
	12,15	12,14	30.2,31.2	16,16	X,Y	10,11
	23,25			15,16	9.3,9.3	8,12
	16,18	11			2	
ZY6DQ2	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	

TABLE 2

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

Item 3sp - STR Results

ZZY7LK	GlobalFiler™					
	16,16.3	17	10,15	15,16	12	
3sp	12	12,13	14,17	19,21	8,9	13
	12,15	12,14	30.2,31.2	16	X,Y	10,11
	23,25			15,16	9.3	8,12
	16,18	11			2	



TABLE 2

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

Item 4 - STR Results

24CVBT	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
2723VP	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
273EJZ	Identifiler®					
		17,25		17,18	11,12	
4	10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X	11
	21,22				7,9	11
	16,17					
2AWF42	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
2DUR49	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
2EPH82	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
2EUEPX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

2HW9VF	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
4	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
2HXN4T	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
2KDU8B	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
2LZG8Z	Investigator® 24plex (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NA				
2MF6WC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
2MTA3J	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
2NZPBA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

2R2478	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
2RFWFF	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
2T7F9W	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
2W8EPF	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
2XGET3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
2ZTRES	GlobalFiler™ (STRmix 2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
32BBJA	GlobalFiler™ (STRmix 2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No results			No results	

TABLE 2

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

Item 4 - STR Results

32MQEF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
332MVZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
34YDBL	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
366E7L	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
38RKE3	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
396MAW	PowerPlex® Fusion (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	INC				
3A6FCB	GlobalFiler™ (STRmix 2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no result			no result	

TABLE 2

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

Item 4 - STR Results

3C76DB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
3CKUCG	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
3DMAE9	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
3FQQ8Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
3P4WN9	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
3RPQB2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
3V2ECE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

42HCD8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
444F9C	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
46AKA9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4728K7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
48E2RC	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
4AN78L	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4AP2WJ	Identifiler®, GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

4B4JVE	PowerPlex® Fusion SYSTEM (validated excel)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22	9,10	11,15		7,9	11
	16,17					
4CGLPF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4D4P4A	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4H4GLD	PowerPlex® Fusion 6C (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
4KVDB8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NA	NA	16,29.2	7,9	11,11
	16,17	NA	NA	NA	NA	
4LWJ2M	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4LYPH2	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4 - STR Results

4PJ7ZU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4QRUGG	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
4UKKB6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
4V924Z	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4WEH7C	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
4WT3G9	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
4	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
4XZFRW	(STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	



TABLE 2

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

Item 4 - STR Results

4YNUUN	PowerPlex® ESI17fast					
	11,15.3	17,22	10,14	17,18		
4		12,13	13,15	19,21		11,12
	13,14	13.2,14	30,31.2	11,16	X	
	21,22			16,29.2	7,9	
	16,17					
4Z93R2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
629YXV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
68K69F	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
699AEM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
6B8CDG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
6C3CXT	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

6DT9VF	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
6GRY6T	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
6K4DMM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
6KVM63	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
6P372W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
6QCWPL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
6UBQM9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	No Results			No Results	

TABLE 2

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

Item 4 - STR Results

6YQYDT	PowerPlex® 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
6Z48JF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
726Q99	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
72CRQF	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
73RCV6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
74WM7Y	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR				
78RPRU	Investigator® 24plex QS (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 4 - STR Results

7AKG2F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
7CDYNZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
7CPC3Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
7FT7T8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
7K4RNE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
7M47UQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
7N4F8M	PowerPlex® Fusion 6C (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

7PN2CP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
7QYGFJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
7WGPYA	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
7XQFLB	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
7ZJRK6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
8384A8	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
84EGNA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

86F9YP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
87F2AY	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
8FCQED	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8HCLW8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
8HEK4G	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
8K9VAM	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
8L8WGZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

8MMK6R	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
8N67YB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8PNCTD	PowerPlex® 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
8Q8GZW	ID+ (28 and 34 cycles), MiniFiler					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
8TXAN9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
8TXPZZ	GlobalFiler™ (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
8VLJZU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

8WELGH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
8Y4T2F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
8YNFRB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
8ZUPET	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
92FC7X	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR				
92J9LL	Investigator® 24plex QS (GENEMAPPER)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
92N3P8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	



TABLE 2

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

Item 4 - STR Results

93UKDG	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
976WT4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
98XM3P	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
9AH8J8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
9BV8T2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
9EZUNJ	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
9GGRPA	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

9J4W39	GlobalFiler™ (STRmix v. 2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	-
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	-	-	16,29.2	7,9	11,11
	16,17	-	-	-	-	-
9KA9AN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
9LAX2Q	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
9QVWBL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
9RGDXU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
9VMAPV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
9W8EUT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4 - STR Results

9XBLNZ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
A2YDNT	PowerPlex® 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
A42CUW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
A92BQ9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
A9E2GA	GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
ACVGNX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
AK3FVD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

AKCKWQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AN624J	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
ANGNUR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NSD			NSD	
ANTD6Q	PowerPlex® Fusion 6C (STRmix v2.6.3)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
AUKMBJ	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
AURZJK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
AVCBHX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4 - STR Results

AVXZ78	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AVYB63	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AW9VW7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
AWW2EK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
AXHFE8	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
AXUWAE	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
AY6RKK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

B2AR74	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
B7H8LT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No result			No result	
B7PMGD	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
B7PRPV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
BCNPB8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
BDNYP4	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,15	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
BFFMZR	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NO RESULT				

TABLE 2

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

## Item 4 - STR Results

BGLBZP	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
BJG84W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
BMTBHT	GlobalFiler™ (STRmix)					
	10,11,14.3,15.3	16,17,21,22	9,10,13,14	16,17,18	10,11,12	
4	9,10	11,12,13	12,13,14,15	18,19,20,21	8,9,10	10,11,12
	12,13,14	12.2,13,13.2,14	29,30,30.2,31.2	10,11,15,16,17	X,X	10,11
	20,21,22			15,16,28.2,29.2	6,7,8,9	10,11
	15,16,17	NR			NR	
BRAKX4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
C32JXM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
C4RCMR	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
C9YDGN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

CAR4RA	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
CBTHN6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NA			NA	
CDAZBY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
CDFABC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
CE4TTB	GlobalFiler™ (STRmix)					
	10,11,14.3,15.3	16,17,21,22	9,10,13,14	16,17,18	10,11,12	
4	9,10	11,12,13	12,13,14,15	18,19,20,21	8,9,10	10,11,12
	12,13,14	12.2,13,13.2,14	29,30,30.2,31.2	10,11,15,16,17	X	10,11
	20,21,22			15,15.2,16,28.2,29,29.2,30.2	7,8,9	10,11
	15,16,17					
CKKC3C	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
CLKLKG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					



TABLE 2

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

Item 4 - STR Results

CN6VYM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
CNQRHV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
CQM4TF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
CR6KG2	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	-				
CRMXUQ	Investigator® 24plex					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR				
CRREB7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
CTTE2D	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

CWLPLB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
D2QHPZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
DCE8V2	GlobalFiler™ (STRmix v2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	
DF7XXH	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
DFZCZW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
DHTU7A	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DK9RD2	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4 - STR Results

DKG76E	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DKGQL2	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
DLUXV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DRXPF2	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DUN26Y	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
DV2W48	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
DWUGHW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

DXQC7N	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
DY6JQK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
E426BQ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
E4TFGY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NA	NA	16,29.2	7,9	11,11
	16,17	NA	NA	NA	NA	
E6EMH3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
E7TYEL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ECM2QR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4 - STR Results

EDZF89	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
EJN9D8	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
EKJL9L	Investigator® 24plex					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	N/A				
EKLV7J	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
EPX6K3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
EVMERK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
EY9WA6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

EYYJUJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
F3B9RG	Verifiler Plus					
	11,15.3	17,22	10,14	17,18	11,12	11,12
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
FA7ARG	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FAN4RQ	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FBVEBN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No results			No results	
FCYNDT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
FFH437	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	

TABLE 2

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

Item 4 - STR Results

FFKMDN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
FGUPYM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
FHM3K7	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
FJ7VMU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FKN3UW	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
FPMJXX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
FW9CAW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

FZA4EW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FZZJYD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
G3C9J4	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
G7TJMZ	GlobalFiler™ (STRmix 2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no result			no result	
G8UY8H	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
G8YBVE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
G9XCED	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	



TABLE 2

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

Item 4 - STR Results

GAAVFA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
GD784Z	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
GFX4LG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
GKMUPP	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
GL63GK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
GLX6MM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
GM7GXX	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

GM7H34	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
GN8JD9	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
GRB7ER	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
GTEQLT	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
GUUKHR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
GUXB3C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
GVEZ9F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	

TABLE 2

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

## Item 4 - STR Results

GXGMKE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
GXPW3K	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
H4A9JY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
HABZHP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
HBHK46	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
HCTAJB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
HDEAZA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

HF47F	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
HH9372	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HHHGRN	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HK6LF9	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
HK6N3R	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
HND2GQ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
HNZHML	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

HUHX3C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
HVF23E	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
HWHQM4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
JA4HNJ	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
JAHGU8	PowerPlex® Fusion 6C (STRMIX)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
JDGCAE	Investigator® 24plex (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	N/A				
JGZFCL	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

JJQQ3E	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
JNL9ML	PowerPlex® Fusion 5C (BulletProof)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
JPEU6W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
JPXKCV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JRN3U4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JV7BUN	Investigator® 24plex					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
JVJM9Z	GlobalFiler™ (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

JWVLLG	Identifiler®					
		17,22		17,18	11,12	
4	10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X	11
	21,22				7,9	11
	16,17					
JXRP6W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JYAKDC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
K637DW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
K72Y83	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
K7JQE3	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
K8RHC3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

## Item 4 - STR Results

K98Y9F	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
K998J9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KB729R	GlobalFiler™ (STRmix version 2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no result			no result	
KBAT8L	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KDZWX8	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	-				
KE3KQT	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KGHTD4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	



TABLE 2

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

Item 4 - STR Results

KKTZEZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
KMKCFF	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
KMQH7Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KN8JEC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KNTVGR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
KNY928	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X	11,11
	21,22				7,9	11,11
	16,17					
KPABM7	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

KPLZMK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
KRYH83	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
KT2EH6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KT9GAU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KVXEPM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
KX27PP	GlobalFiler™ (STRmix V2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
KX62HK	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				

TABLE 2

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

Item 4 - STR Results

KYMMBB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
L788NV	GlobalFiler™ (STRmix 2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	-
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	-	-	16,29.2	7,9	11,11
	16,17	-	-	-	-	
L8A44J	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
L9LKGW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
L9TPB2	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LCD48V	GlobalFiler™ (STRmix v.2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	-
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	-	-	16,29.2	7,9	11,11
	16,17	-	-	-	-	
LDMJEU	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

LE49WK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LGCUXL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LK892W	GlobalFiler™ (STRmix version 2.4.06)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
LLNC32	GlobalFiler™ (STRmix)					
	10,11,14.3,15.3	16,17,21,22	10,13,14	16,17,18	10,11,12	
4	9,10	11,12,13	12,13,14,15	18,19,20,21	8,9,10	10,11,12
	12,13,14	12.2,13,13.2,14	29,30,30.2,31.2	10,11,15,16,17	X	10,11
	20,21,22			15,15.2,16,28.2,29,29.2	7,9	10,11
	15,16,17					
LLXZLU	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
LMK4DV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
LVE98W	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

LZNP6Y	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
M2E4DA	Verifiler Plus					
	11,15.3	17,22	10,14	17,18	11,12	11,12
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
M2QVYK	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
M34D4C	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
M3QBNA	PowerPlex® Fusion 6C (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
M8P6KY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MBJJ92	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

MC9YAW	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MFN2TF	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
MFU9EB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MGZJ8F	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
MHNQ27	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
MKK64F	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
MKTF7Z	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

MPKPDC	PowerPlex® Fusion (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	INC				
MPW2RN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	no results			no results	
MR7XFF	PowerPlex® Fusion, MiniFiler					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
MV8YKJ	GlobalFiler™ (STRmix)					
	11,15.3	16,17,21,22	9,10,13,14	16,17,18	10,11,12	NT
4	9,10	11,12,13	12,13,14,15	18,19,20,21	8,9,10	10,11,12
	12,13,14	12.2,13,13.2,14	29,30,30.2,31.2	10,11,15,16,17	X,X	10,11
	20,21,22	NT	NT	16,29.2	6,7,8,9	10,11
	15,16,17	NR	NT	NT	NR	
MVL3W3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MW8D9H	PowerPlex® 6c					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17	-	-	-		
MWV22J	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4 - STR Results

MY2GHN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
MZ4Z4R	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
MZ63JN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MZP6LB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
N4NGMN	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
N4XHEN	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
4	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
N6JHL7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					



TABLE 2

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

Item 4 - STR Results

N6WHJV	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
N9ZNK2	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
NBENZE	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NBEQMX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
NCR6AL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	No Results			No Results	
ND22T8	Verifiler Plus kit					
	11,15.3	17,22	10,14	17,18	11,12	11,12
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
NDHRL6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	

TABLE 2

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

Item 4 - STR Results

NDKKHR	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NDW622	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
NFQ2R9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
NHYMT9	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NJANE8	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NJNN76	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
NLEAXF	Identifiler®					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

NLYVY4	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NMUFNN	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17	NID	NID	NID		
NMWL67	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
NNHH47	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
NNQEZP	GlobalFiler™ (STRmix 2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	
NTFFVN	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
NUQ6F3	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

NZCW6N	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
NZHUWD	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
P26JJH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	N/A
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	N/A	N/A	16,29.2	7,9	11,11
	16,17	N/A	N/A	N/A	N/A	
P384UQ	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
P6RKJJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
P6TQA7	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
P7M9ZT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

P8Z4VE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
PBE7XX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
PBUJB9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
PC44ZQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	--			--	
PDKRMH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PFBX2N	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	-				
PGKJHU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

PKG9WF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PKMRVY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
PMWH9E	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
PPP3PK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
PRWX9B	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
PTQ84Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
PWVPKQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

PY37WX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
PYDZBJ	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
PZR32C	PowerPlex® Fusion, MiniFiler					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
Q3CNCR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Q7QHxQ	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	-
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	-	7,9	11,11
	16,17	-	-	-	-	-
QCPJ2K	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QGFJTD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	NA	NA	16,29.2	7,9	11,11
	16,17	NA	NA	NA	NA	NA

TABLE 2

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

Item 4 - STR Results

QHFGM8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
QJL6KK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QPANLE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	N/A
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	N/A	N/A	16,29.2	7,9	11,11
	16,17	N/A	N/A	N/A	N/A	
QPU77N	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QQP6JA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
QRDW26	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QRYWC4	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					



TABLE 2

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

Item 4 - STR Results

QRZV7B	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
QTKDXP	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QW73FH	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
QWZU8U	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
QXF8T7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
R6PZFL	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
R6ZY6B	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

R7CAZ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RBKJ34	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RBXAVV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RDD9RQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RF77BJ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RG7FQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
RJUYNR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No Result			No Result	

TABLE 2

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

Item 4 - STR Results

RL4N3T	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RLA4RB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
RMJ7HF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RNUDG2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
RPCYG6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RPM9Y4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RTJA4K	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	No results			No results	

TABLE 2

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

Item 4 - STR Results

RTY9TW	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
RUDLJE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
RUHZAL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
RVJEBM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
RZV3QV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
T2869M	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
T2FLKY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

T63UHE	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
4	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
T6ZRJG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
TA34TQ	Identifiler® Plus, NGM SElect, HDplex					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
TA9U7P	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
TBU2CA	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
TFYMJX	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
TKTGGY	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

TMWD3M	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
TPDWFC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
TQ43TH	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
TRQ77Q	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
TU7QP8	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
TWNHA3	VeriFiler Plus					
	11,15.3	17,22	10,14	17,18	11,12	11,12
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
TYUZ9Y	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

UDPWR9	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
UFYRRF	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
UK3E2M	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
UKN7WT	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
UQ62K6	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
UQKD8G	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
UR8R6K	GlobalFiler™ (STRmix 2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	no results			no results	

TABLE 2

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

Item 4 - STR Results

URGVD8	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
UUH2KG	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
UUWYPG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
UWR2M4	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
UXY7E7	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
UYN9TM	PowerPlex® Fusion (TrueAllele)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
V2UJEB	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					



TABLE 2

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

## Item 4 - STR Results

V3RWTG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
V6NYPX	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
V6WG3A	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
V8MFKE	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
V8WJHK	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
VA2WY7	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
VBG2MW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

VK69R9	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
VLVGQB	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
VPX3DV	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
VWHY4A	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17	NR				
VZL3HQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
W6VXJ6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
W7JUUL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

W8HFXJ	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
WBDQGG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
WF6JN7	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
WF7JGE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
WFCKQK	PowerPlex® Fusion 5c					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
WHEY7T	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
WKXHZF	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	-				

TABLE 2

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

Item 4 - STR Results

WNYPG8	Identifiler® Plus					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
WPLW2W	PowerPlex® Fusion					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
WPZGQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
WPZJDK	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
WRBGTM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
WRUJ24	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
WV9ULD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

WZ3WHQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
X28QQV	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
X4HFKP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
X4PGQU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
X4WXB	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
X89KGC	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
XACHJR	ID+					
		17,22		17,18	11,12	
4	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

XC2ANN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XCQ36U	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15		7,9	11
	16,17					
XEEMZP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XFURW3	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
XHC2FA	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XJ3C73	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
XK6WFP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					

TABLE 2

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

Item 4 - STR Results

KKCH6P	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
XLJHXN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	-			-	
XPNW2P	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
XQ49R8	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
XT2QLK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	
XV7K47	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XWB8A6	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR			NR	

TABLE 2

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

## Item 4 - STR Results

XWHX93	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
XWKBQC	GlobalFiler™ (STRmix v2.4)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	No results			No results	
XWNUMD	PowerPlex® 21					
	11,15.3	17,22		17,18	11,12	11,12
4	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
XZTAC6	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11,Q
	16,17					
Y22ZXH	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Y3UHRL	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
YAPY8B	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					



TABLE 2

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

Item 4 - STR Results

YC42VW	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
YEEY9E	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
YEP3FB	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
YGNWQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	-			-	
YH79YD	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
YT8V4G	PowerPlex® Fusion 5C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
YU7PCM	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

YV28EP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
YWG8ED	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
YZNCGY	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
Z2K46J	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Z3PUUK	GlobalFiler™ (STRmix)					
	10,11,14.3,15.3	16,17,21,22	10,14	16,17,18	10,11,12	
4	9,10	11,12,13	12,13,14,15	18,19,20,21	9,10	11,12
	12,13,14	13.2,14	29,30,30.2,31.2	11,15,16	X	10,11
	21,22			15,15.2,16,28.2,29.2	7,9	11
	15,16,17					
Z6E2EH	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
Z6Y66Q	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

Z9QJ8D	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
ZB6WDN	Investigator® 24plex (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
ZCNLB2	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
ZEYZZZ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	ND			ND	
ZF3UCH	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	NR				
ZHR2Q4	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22	9,10	11,15	16,29.2	7,9	11,11
	16,17					
ZKRZGG	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4 - STR Results

ZMVJEP	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ZUVP2J	GlobalFiler™ (STRmix 2.8)					
	10,11,14.3,15.3	16,17,21,22	10,14	16,17,18	10,11,12	
4	9,10	11,12,13	12,13,14,15	18,19,20,21	8,9,10	10,11,12
	12,13,14	12.2,13,13.2,14	29,30,30.2,31.2	11,15,16,17	X	10,11,12
	20,21,22			15,15.2,16,28.2,29.2	7,9	10,11
	15,16,17					
ZWAUBU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
ZWKVLG	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	NR			NR	
ZY6DQ2	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17	NM			NM	
ZZY7LK	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4	10	12,13	13,[15]	[19],21	9,10	11,[12]
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	[16],17	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 4e - STR Results

39HGCQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4AACTC	PowerPlex® Fusion (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
4PAYA7	PowerPlex® 21 (STRmix 2.8.0)					
	11,15.3	17,22		17,18	11,12	11,12
4e	10,10	12,13		19,21	9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22	9,10	11,15		7,9	11,11
	16,17					
63R6PD	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
74W68P	PowerPlex® Fusion 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
8B66QF	Identifiler® Plus					
		17,22		17,18	11,12	
4e	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					
8GHY2V	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

Item 4e - STR Results

9H82FC	PowerPlex® 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
ACJCCY	GlobalFiler™ (STRmix v 2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
DT3YXR	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	ND			ND	
F88CL2	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
FBLRCT	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
FJ32GN	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	NA
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	NA	NA	16,29.2	7,9	11
	16,17	ND	NA	NA	ND	
FPT6X8	Identifiler® Plus					
		17,22		17,18	11,12	
4e	10,10	12,13			9,10	11,12
	13,14	13.2,14	30,31.2		X,X	11,11
	21,22				7,9	11,11
	16,17					

TABLE 2

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

Item 4e - STR Results

H363HE	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
HTG6XY	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
J27Q64	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
JKJRD	GlobalFiler™ (STRMix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
LGV88C	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
MLLQ4Z	PowerPlex® 6C					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
PNWRT6	Investigator® 24plex QS					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					

TABLE 2

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

## Item 4e - STR Results

Q7D9HH	GlobalFiler™ (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
XBG328	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17	ND			ND	
XMJT4E	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17	NID	NID	NID		
XTA762	GlobalFiler™ (STRmix 2.9)					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10,10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11,11
	21,22			16,29.2	7,9	11,11
	16,17					
ZCEXAU	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4e	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17	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 4sp - STR Results

39HGCQ	GlobalFiler™					
	11,15.3	17,22	10,14	17,18	11,12	
4sp	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22			16,29.2	7,9	11
	16,17					
4AACTC	PowerPlex® Fusion (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4sp	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
4PAYA7	PowerPlex® 21 (STRmix 2.8.0)					
4sp						
63R6PD	PowerPlex® Fusion 6C (STRmix)					
	11,15.3	17,22	10,14	17,18	11,12	
4sp	10	12,13	13,15	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7,9	11
	16,17					
74W68P	PowerPlex® Fusion 6C					
4sp						
8B66QF	Identifiler® Plus					
		-		-	-	
4sp	-	-			-	-
	-	-	-		-	-
	-				-	-
	-					
8GHY2V	GlobalFiler™ (STRmix)					
4sp						

TABLE 2

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

9H82FC	PowerPlex® 6C (STRmix)					
	11,15.3	17,22	[14]	17,18	11,12	
4sp	10	12,13	13,15	19,21	9,10	11,12
	13,14	[13.2]	30,31.2	11,16	X	11
	21,22	9,10	11,15	16,29.2	7	[11]
	16,17					
ACJCCY	GlobalFiler™ (STRmix v 2.8)					
	11,15.3	17,22	10,14	17,18	11,12	
4sp	10	12,13	13	19,21	9,10	11,12
	13,14	13.2,14	30,31.2	11,16	X,X	11
	21,22			16,29.2	7,9	11
	16,17					
DT3YXR	GlobalFiler™					
4sp						
F88CL2	PowerPlex® Fusion 6C (STRmix)					
	[11],15.3	[17,22]	10,[14]	17,[18]	[11,12]	
4sp	[10]	[12,13]	[13,15]	[19,21]	9,[10]	11,12
	13,[14]	[13.2],14	[30,31.2]	[11,16]	X	11
	[21,22]	[9,10]	[11],15	[16,29.2]	[7,9]	[11]
	[17]					
FBLRCT	GlobalFiler™ (STRmix)					
		17	10	17,18		
4sp	10	12,13	15			
	13		31.2			
	22					
FJ32GN	GlobalFiler™					
	ND	ND	ND	ND	ND	NA
4sp	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND
	ND	NA	NA	ND	ND	ND
	ND	ND	NA	NA	ND	
FPT6X8	Identifiler® Plus					
4sp						

TABLE 2

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

H363HE GlobalFiler™

4sp


HTG6XY PowerPlex® Fusion 6C (STRmix)

4sp


J27Q64 GlobalFiler™

4sp

11,15.3	17,22	10,14	17,18	11,12	
10	12,13	13,15	19,21	9,10	11,12
13,14	13.2,14	30,31.2	11,16	X	11
21,22			16,29.2	7,9	11
16,17					

JKJRDJ GlobalFiler™ (STRMix)

4sp

11,15.3	17,22	14	17,18	11,12	
10	12,13	13,15	19,21	9,10	11,12
13,14	13.2,14	30,31.2	11,16	X	11
21,22			16,29.2	7,9	11
16,17					

LGV88C GlobalFiler™ (STRmix)

4sp


MLLQ4Z PowerPlex® 6C

4sp


PNWRT6 Investigator® 24plex QS

4sp


TABLE 2

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

Q7D9HH GlobalFiler™ (STRmix)

4sp


XBG328 GlobalFiler™

4sp


XMJT4E PowerPlex® Fusion 6C (STRmix)

4sp

11,15.3	17,22	10,14	17,18	11,12	
10	12,13	13,15	19,21	9,10	11,12
13,14	13.2,14	30,31.2	11,16	X	11
21,22	9,10	11,15	16,29.2	7,9	11
16,17	NID	NID	NID		

XTA762 GlobalFiler™ (STRmix 2.9)

4sp


ZCEXAU GlobalFiler™

4sp

ND	ND	ND	ND	ND	
ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND
ND			ND	ND	ND
ND	ND			ND	

# YSTR Amplification Kit(s) & Results

TABLE 3

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

## Item 2 - YSTR Results

273EJZ	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21			11
2HW9VF	Yfiler™ YFP								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
2HXN4T	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
2KDU8B	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
2LZG8Z	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21			11
2NZPBA	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
2XGET3	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
2ZCRFZ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
32MQEF	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
396MAW	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	21		9	11
3C76DB	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						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

3FQQ8Q	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
3GY6TR	Yfiler™ Plus								
2		14	12,18	12	30	23	10	11	
	14	10		20	24	16	17.2	11	
	37			17	18	22	21		11
3RPQB2	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
444F9C	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
4AACTC	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
4AN78L	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
4AP2WJ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
4CGLPF	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
4H4GLD	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
4K7RCG	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
4KVDB8	Yfiler™								
2	NA	14	12,18	12	30	23	10	11	12
	14	10	11	20	NA	16	17.2	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
4LWJ2M	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11

TABLE 3

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

Item 2 - YSTR Results

4QRUGG	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
4V924Z	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
4WT3G9	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
4YNUUN	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
68K69F	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
699AEM	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
6K4DMM	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
6KVM63	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
78RPRU	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
7M47UQ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
7QYGFJ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
7WGPYA	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	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

7ZJRK6	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
84EGNA	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
86F9YP	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
87F2AY	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
8FCQED	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
8L8WGZ	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
8Q8GZW	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
92FC7X	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
92N3P8	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
98XM3P	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
9QVWBL	Yfiler™ Plus								
2	36,38	14	[12],[18]	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
9VMAPV	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	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
<b>Item 2 - YSTR Results</b>									
A2YDNT	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
A42CUW	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
A9E2GA	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
ACJCCY	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
ACVGNX	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
AURZJK	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
AW9VW7	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
AWW2EK	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
B7H8LT	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
B7PRPV	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
BCNPB8	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
BFFMZR	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							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

BGLBZP	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21			11
C7WTVV	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	21	9		11
CKKC3C	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			27
		11	13	17	18	21	9		11
CLKLKG	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
CN6VYM	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
CRMXUQ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
CTTE2D	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
CWLPLB	Yfiler™ Plus								
2									
DFZCZW	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
DHTU7A	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
DKG76E	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
DLUXVX	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11

TABLE 3

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

Item 2 - YSTR Results

E4TFGY	Yfiler™									
	2	NA	14	12,18	12	30	23	10	11	12
		14	10	11	20	NA	16	17.2	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	11
E7TYEL	Yfiler™									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		
								21		11
ECM2QR	Yfiler™ Plus									
	2	Inc.	14	12,18	12	30	23	10	11	12
		14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21			11
EKJL9L	Yfiler™									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		
								21		11
EVMERK	Yfiler™									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		
								21		11
EY9WA6	Yfiler™ Plus									
	2	36,38	14	12,18	12	30	23	10	11	12
		14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21			11
F88CL2	PowerPlex® Y 23									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		21	9		11
FA7ARG	PowerPlex® Y 23									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		21	9		11
FAN4RQ	PowerPlex® Y 23									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		27
		11	13	17	18		21	9		11
FBLRCT	Yfiler™ Plus									
	2	36,38	14	12,18	12	30	23	10	11	12
		14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21			11
FBVEBN	Yfiler™ Plus									
	2	36,38	14	12,18	12	30	23	10	11	12
		14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21			11
FFH437	Yfiler™									
	2		14	12,18	12	30	23	10	11	12
		14	10	11	20		16	17.2		
								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

FHM3K7	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	21	9	11	
FKN3UW	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21		11	
FPMJXX	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21		11	
FW9CAW	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21		11	
G8UY8H	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
GKMUPP	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
GLX6MM	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
GM7H34	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
GTEQLT	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
		11	13	17	18	21	9	11	
GVEZ9F	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
GXPW3K	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2			
						21		11	
H363HE	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11

TABLE 3

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

Item 2 - YSTR Results

HAD8ZQ	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
HDEAZA	Yfiler™								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
HK6N3R	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
HND2GQ	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
HNZHML	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
HTG6XY	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
HVF23E	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
JA29YK	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
JA4HNJ	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
JDGCAE	Yfiler™								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
						21		11	
JGZFCL	PowerPlex® Y 23								
2	14	12,18	12	30	23	10	11	12	
	14	10	11	20	16	17.2		27	
	11	13	17	18		21	9	11	
JKJRDJ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11

TABLE 3

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

Item 2 - YSTR Results

JPXKCV	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
JWVLLG	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
JXRP6W	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
JYAKDC	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
K637DW	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
K72Y83	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
K8RHC3	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
K998J9	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
KE3KQT	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
KKTZEZ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
KMKCFF	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
KN8JEC	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							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

KNTVGR	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
KRYH83	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
KX62HK	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
KYMMBB	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
L9LKGW	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
L9TPB2	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
M34D4C	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
MHNQ27	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
MKK64F	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
MLLQ4Z	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
MPKPDC	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
MW8D9H	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	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

MY2GHN	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	24
	37	11		17	18	22	21		11
MZ4Z4R	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
MZ63JN	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
MZP6LB	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
N4NGMN	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
N4XHEN	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
N6JHL7	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
NBEQMX	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
NDHRL6	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
NJNN76	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
NNHH47	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
P26JJH	Yfiler™								
2	N/A	14	12,18	12	30	23	10	11	12
	14	10	11	20	N/A	16	17.2	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	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

P6RKJJ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
PGKJHU	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
PKG9WF	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
PPP3PK	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
PRWX9B	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
PWVPKQ	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
Q7D9HH	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
QGFJTD	Yfiler™								
2	NA	14	12,18	12	30	23	10	11	12
	14	10	11	20	NA	16	17.2	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
QHFGM8	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
QJ6QDA	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
QJL6KK	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
QPANLE	Yfiler™								
2	N/A	14	12,18	12	30	23	10	11	12
	14	10	11	20	N/A	16	17.2	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	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

QPU77N		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
QRZV7B		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
QTKDXP		PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12	
	14	10	11	20		16	17.2		27	
		11	13	17	18		21	9	11	
QXF8T7		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
RBXAVV		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
RF77BJ		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
RG7FQ2		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
RJUYNR		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
RL4N3T		Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12	
	14	10	11	20	24	16	17.2	11	27	
	37	11		17	18	22	21		11	
RLA4RB		Yfiler™								
2		14	12,18	12	30	23	10	11	12	
	14	10	11	20		16	17.2			
							21		11	
RLGT6T		Yfiler™								
2		14	12,18	12	30	23	10	11	12	
	14	10	11	20		16	17.2			
							21		11	
RNUDG2		Yfiler™								
2		14	12,18	12	30	23	10	11	12	
	14	10	11	20		16	17.2			
							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

RUDLJE	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
RYBCDC	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
RZV3QV	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
T2FLKY	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
T63UHE	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
TA34TQ	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
TA9U7P	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
TMWD3M	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
TPDWFC	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
TU7QP8	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
UKN7WT	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
URGVD8	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11

TABLE 3

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

Item 2 - YSTR Results

UU9FJ2	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11	N/A	17	18	22	21	N/A	11
UWR2M4	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
V2UJEB	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
VA2WY7	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
VVHY4A	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
W6VXJ6	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
WBQTAY	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
WDBDQG	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
WF6JN7	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
WHEY7T	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
WNYPG8	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2R	11	27
	37	11		17	18	22	21		11
WPZJDK	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	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

WRBGTM	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
WRUJ24	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
WZ3WHQ	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
X89KGC	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
XFURW3	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
XJ3C73	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
XLJHXN	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
XPNW2P	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
XQ49R8	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
XV7K47	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	11
XWNUMD	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
XZPPMF	PowerPlex® Y 23								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		27
		11	13	17	18		21	9	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

YAPY8B	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
YC42VW	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
YEP3FB	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
YGNWQ2	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
YU7PCM	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
YV28EP	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
ZB6WDN	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							21		11
ZCEXAU	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
ZF3UCH	Yfiler™ Plus								
2	36,38	14	12,18	12	30	23	10	11	12
	14	10	11	20	24	16	17.2	11	27
	37	11		17	18	22	21		11
ZY6DQ2	Yfiler™								
2		14	12,18	12	30	23	10	11	12
	14	10	11	20		16	17.2		
							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

4CGLPF	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
4K7RCG	Yfiler™								
3		14	11,13	13	29	25	11	14	13
	15	12	13	18		17,18	17		
							23		12
4QRUGG	PowerPlex® Y 23								
3		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
DKG76E	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
HDEAZA	Yfiler™								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
K8RHC3	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MKK64F	Yfiler™								
3		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
NBEQMX	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PRWX9B	Yfiler™								
3		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
RL4N3T	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
T2FLKY	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
T63UHE	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3 - YSTR Results

TA9U7P	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
UKN7WT	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
UWR2M4	Yfiler™								
3		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
WRUJ24	Yfiler™								
3		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
XJ3C73	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
XLJHXN	Yfiler™ Plus								
3	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12



TABLE 3

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

Item 3e - YSTR Results

273EJZ	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	[12],13	18		18	17		
							23		12
2HW9VF	Yfiler™ YFP								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
2HXN4T	Yfiler™ Plus								
3e									
2KDU8B	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
2LZG8Z	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
2NZPBA	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
2XGET3	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
2ZCRFZ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
32MQEF	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
396MAW	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
3C76DB	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
3FQQ8Q	Yfiler™ Plus								
3e									

TABLE 3

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

Item 3e - YSTR Results

3GY6TR	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
3RPQB2	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
444F9C	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4AACTC	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4AN78L	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
4AP2WJ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
4H4GLD	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4KVDB8	Yfiler™								
3e	NA	14	11,13	13	29	25	11	14	13
	15	12	13	18	NA	18	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
4LWJ2M	Yfiler™ Plus								
3e									
4V924Z	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4WT3G9	Yfiler™ Plus								
3e									
68K69F	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 3e - YSTR Results

699AEM	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
6K4DMM	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
6KVM63	PowerPlex® Y 23								
3e									
72CRQF	Yfiler™ Plus								
3e									
78RPRU	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
7M47UQ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
7QYGFJ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
7WGPYA	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
7ZJRK6	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
84EGNA	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
86F9YP	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
87F2AY	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3e - YSTR Results

8B66QF	Yfiler™ Plus								
3e	[REDACTED]								
8FCQED	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
8L8WGZ	Yfiler™								
3e	[REDACTED]								
8Q8GZW	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
92FC7X	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
92N3P8	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
98XM3P	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
9QVWBL	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
9VMAPV	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
A2YDNT	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
A9E2GA	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
ACJCCY	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3e - YSTR Results

ACVGNX	Yfiler™								
3e	[Redacted]								
AURZJK	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
AW9VW7	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
AWW2EK	Yfiler™ Plus								
3e	[Redacted]								
B7H8LT	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
B7PRPV	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
BCNPB8	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
BFFMZR	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
BGLBZP	Yfiler™								
3e	[Redacted]								
C7WTWV	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
CKKC3C	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
CLKLKG	Yfiler™ Plus								
3e	[Redacted]								

TABLE 3

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

Item 3e - YSTR Results

CN6VYM	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
CRMUQ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
CTTE2D	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
DFZCZW	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
DHTU7A	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
DLUXV	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
E4TFGY	Yfiler™								
3e	NA	14	11,13	13	29	25	11	14	13
	15	12	13	18	NA	18	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
E7TYEL	Yfiler™								
3e									
ECM2QR	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
EJN9D8	Yfiler™ Plus								
3e									
EKJL9L	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
EVMERK	Yfiler™								
3e									

TABLE 3

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

Item 3e - YSTR Results

EY9WA6	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
F88CL2	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FA7ARG	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FAN4RQ	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FBLRCT	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
FBVEBN	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
FFH437	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
FHM3K7	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FKN3UW	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
FPMJXX	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
FPT6X8	Yfiler™ Plus								
3e									
FW9CAW	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12

TABLE 3

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

Item 3e - YSTR Results

G8UY8H	Yfiler™ Plus								
3e	35,37	14	[11],[13]	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
GKMUPP	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
GLX6MM	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
GM7H34	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
GTEQLT	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
		15	12	13	18	18	17		25
		12	12	17	18		23	10	12
GVEZ9F	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
GXPW3K	Yfiler™								
3e									
H363HE	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
HAD8ZQ	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
		15	12	13	18	18	17		25
		12	12	17	18		23	10	12
HK6N3R	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
HND2GQ	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
		15	12	13	18	18	17		25
		12	12	17	18		23	10	12
HNZHML	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
		15	12	13	18	18	17		25
		12	12	17	18		23	10	12



TABLE 3

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

Item 3e - YSTR Results

HTG6XY	PowerPlex® Y 23								
3e	14	11,13	13	29	25	11	14	13	
	15	13	18		18	17		25	
	12	12	17	18		23	10	12	
HVF23E	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	
JA29YK	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	
JA4HNJ	PowerPlex® Y 23								
3e									
JDGCAE	Yfiler™								
3e	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23		12	
JGZFCL	PowerPlex® Y 23								
3e									
JKJRD	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	
JPXKCV	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	
JWVLLG	Yfiler™								
3e	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23		12	
JXRP6W	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	
JYAKDC	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	
K637DW	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	17	18	24	23		12	

TABLE 3

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

Item 3e - YSTR Results

K72Y83	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
K998J9	Yfiler™ Plus								
3e									
KE3KQT	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KKTZEZ	Yfiler™ Plus								
3e									
KMKCFF	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KN8JEC	Yfiler™								
3e									
KNTVGR	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KRYH83	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
KX62HK	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KYMMBB	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
L9LKGW	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
L9TPB2	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3e - YSTR Results

M34D4C	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MHNQ27	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
MLLQ4Z	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MPKPDC	PowerPlex® Y 23								
3e									
MW8D9H	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MY2GHN	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MZ4Z4R	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MZ63JN	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MZP6LB	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
N4NGMN	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
N4XHEN	PowerPlex® Y 23								
3e									
N6JHL7	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3e - YSTR Results</b>									
NDHRL6	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
NJNN76	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
NNHH47	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
P26JJH	Yfiler™								
3e	N/A	14	11,13	13	29	25	11	14	13
	15	12	13	18	N/A	18	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
P6RKJJ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PGKJHU	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PKG9WF	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
							23		12
PPP3PK	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PWVPKQ	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
Q7D9HH	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QGFJTD	Yfiler™								
3e	NA	14	11,13	13	29	25	11	14	13
	15	12	13	18	NA	18	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
QHFGM8	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3e - YSTR Results

QJL6KK	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QPANLE	Yfiler™								
3e	N/A	14	11,13	13	29	25	11	14	13
	15	12	13	18	N/A	18	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
QPU77N	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QRZV7B	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QTKDXP	PowerPlex® Y 23								
3e									
QXF8T7	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RBXAVV	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RF77BJ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RG7FQ2	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RJUYNR	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RLA4RB	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
RLGT6T	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	12,13	18		18	17		
							23		12

TABLE 3

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

Item 3e - YSTR Results

RNUDG2	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
RUDLJE	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RYBCDC	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	NR	30	18	17	11	25
	38	12		17	18	24	23		NR
RZV3QV	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
TA34TQ	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
TMWD3M	Yfiler™								
3e									
TPDWFC	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
TU7QP8	PowerPlex® Y 23								
3e									
URGVD8	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
UU9FJ2	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12	N/A	17	18	24	23	N/A	12
V2UJEB	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
VA2WY7	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	NR		17	18	24	23		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 3e - YSTR Results

WHY4A	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
W6VXJ6	Yfiler™								
3e									
WBQTAY	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WDBDQG	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WF6JN7	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WHEY7T	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WNYPG8	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WPZJDK	PowerPlex® Y 23								
3e		14	11,13	13	29	25	11	14	13
		12	12	17	18		23	10	12
	15	12	13	18		18	17		25
WRBGTM	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WZ3WHQ	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
X89KGC	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
XFURW3	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3e - YSTR Results

XPNW2P	Yfiler™									
	3e	14	11,13	13	29	25	11	14	13	
		15	12	13	18	18	17	23	12	
XQ49R8	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
XV7K47	PowerPlex® Y 23									
	3e	14	11,13	13	29	25	11	14	13	
		15	12	13	18	18	17	25	25	
		12	12	17	18	23	10	12		
XWNUMD	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
XZPPMF	PowerPlex® Y 23									
	3e	14	11,13	13	29	25	11	14	13	
		15	12	13	18	18	17	25	25	
		12	12	17	18	23	10	12		
YAPY8B	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
YC42VW	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
YEP3FB	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
YGNWQ2	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
YU7PCM	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
YV28EP	Yfiler™ Plus									
	3e	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12	
ZB6WDN	Yfiler™									
	3e	14	11,13	13	29	25	11	14	13	
		15	12	13	18	18	17	23	12	



TABLE 3

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

Item 3e - YSTR Results

ZCEXAU	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
ZF3UCH	Yfiler™ Plus								
3e	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
ZY6DQ2	Yfiler™								
3e		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
<b>Item 3sp - YSTR Results</b>										
273EJZ	Yfiler™									
3sp		14	11,13	13	29	[24],25	11	14	13	
	15	12	13	18		18	17			
							23			12
2HW9VF	Yfiler™ YFP									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
2HXN4T	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
2KDU8B	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
2LZG8Z	Yfiler™									
3sp		14	11,13	13	29	25	11	14	13	
	15	12	13	18		18	17			
							23			12
2NZPBA	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
2XGET3	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
2ZCRFZ	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
32MQEF	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12
396MAW	PowerPlex® Y 23									
3sp		14	11,13	13	29	25	11	14	13	
	15	12	13	18		18	17		25	
		12	12	17	18		23	10		12
3C76DB	Yfiler™									
3sp		14	11,13	13	29	25	11	14	13	
	15	12	13	18		18	17			
							23			12
3FQQ8Q	Yfiler™ Plus									
3sp	35,37	14	11,13	13	29	25	11	14	13	
	15	12	13	18	30	18	17	11	25	
	38	12		17	18	24	23			12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
3GY6TR	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
3RPQB2	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
444F9C	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4AACTC	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4AN78L	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
4AP2WJ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
4H4GLD	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4KVDB8	Yfiler™								
3sp	NA	14	11,13	13	29	25	11	14	13
	15	12	13	18	NA	18	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
4LWJ2M	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
4V924Z	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
4WT3G9	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
68K69F	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
699AEM	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
6K4DMM	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
6KVM63	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
72CRQF	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
78RPRU	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17,19		25
		12	12	17	18		23	10	12
7M47UQ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
7QYGFJ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
7WGPYA	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
7ZJRK6	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
84EGNA	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
86F9YP	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
87F2AY	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3sp - YSTR Results

8B66QF	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
8FCQED	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
8L8WGZ	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
8Q8GZW	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
92FC7X	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
92N3P8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
98XM3P	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
9QVWBL	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
9VMAPV	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
A2YDNT	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
A42CUW	Yfiler™ Plus								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
A9E2GA	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13,14	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
ACJCCY	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
ACVGNX	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
AURZJK	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
AW9VW7	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
AWW2EK	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
B7H8LT	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
B7PRPV	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
BCNPB8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
BFFMZR	Yfiler™								
3sp									
BGLBZP	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
C7WTW	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
CKKC3C	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 3sp - YSTR Results

CLKLKG	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
CN6VYM	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
CRMUQU	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
CTTE2D	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
DFZCZW	Yfiler™ Plus								
3sp	35,37	14	11,[13]	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
DHTU7A	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	[21],24	23		12
DLUXXV	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
E4TFGY	Yfiler™								
3sp	NA	14	11,13	13	29	25	11	14	13
	15	12	13	18	NA	18	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
E7TYEL	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
ECM2QR	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
EJN9D8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
EKJL9L	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
EVMERK	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
EY9WA6	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
F88CL2	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FA7ARG	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FAN4RQ	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FBLRCT	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
FBVEBN	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
FFH437	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
FHM3K7	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
FKN3UW	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
FPMJXX	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
FPT6X8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12



TABLE 3

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

Item 3sp - YSTR Results

FW9CAW	Yfiler™									
	3sp		14	11,13	13	29	25	11	14	13
		15	12	13	18		18	17		
							23			12
G8UY8H	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
GKMUPP	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
GLX6MM	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
GM7H34	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
GTEQLT	PowerPlex® Y 23									
	3sp		14	11,13	13	29	25	11	14	13
		15	12	13	18		18	17		25
		12	12	17	18		23	10		12
GVEZ9F	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
GXPW3K	Yfiler™									
	3sp		14	11,13	13	29	25	11	14	13
		15	12	13	18		18	17		
							23			12
H363HE	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
HAD8ZQ	PowerPlex® Y 23									
	3sp		14	11,13	13	29	25	11	14	13
		15	12	13	18		18	17		25
		12	12	17	18		23	10		12
HK6N3R	Yfiler™ Plus									
	3sp	35,37	14	11,13	13	29	25	11	14	13
		15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23			12
HND2GQ	PowerPlex® Y 23									
	3sp		14	11,13	13	29	25	11	14	13
		15	12	13	18		18	17		25
		12	12	17	18		23	10		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
HNZHML	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17		25	
	12	12	17	18		23	10	12	
HTG6XY	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17		25	
	12	12	17	18		23	10	12	
HVF23E	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
JA29YK	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
JA4HNJ	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17		25	
	12	12	17	18		23	10	12	
JDGCAE	Yfiler™								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23		12	
JGZFCL	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17		25	
	12	12	17	18		23	10	12	
JKJRD	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
JPXKCV	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
JWVLLG	Yfiler™								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23		12	
JXRP6W	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
JYAKDC	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3sp - YSTR Results

K637DW	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
K72Y83	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	21,24	23		12
K998J9	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KE3KQT	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KKTZEZ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KMKCFF	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KN8JEC	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
KNTVGR	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KRYH83	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
KX62HK	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
KYMMBB	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
L9LKGW	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3sp - YSTR Results

L9TPB2	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
M34D4C	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MHNQ27	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
MLLQ4Z	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MPKPCD	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MW8D9H	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MY2GHN	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MZ4Z4R	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
MZ63JN	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
MZP6LB	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
N4NGMN	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
N4XHEN	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
N6JHL7	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
NDHRL6	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
NJNN76	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
NNHH47	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
P26JJH	Yfiler™								
3sp	N/A	14	11,13	13	29	25	11	14	13
	15	12	13	18	N/A	18	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
P6RKJJ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PGKJHU	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PKG9WF	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
PPP3PK	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
PWVPKQ	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
Q7D9HH	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QGFJTD	Yfiler™								
3sp	NA	14	11,13	13	29	25	11	14	13
	15	12	13	18	NA	18	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12

TABLE 3

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

Item 3sp - YSTR Results

QHFGM8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QJL6KK	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QPANLE	Yfiler™								
3sp	N/A	14	11,13	13	29	25	11	14	13
	15	12	13	18	N/A	18	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
QPU77N	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QRZV7B	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
QTKDXP	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
QXF8T7	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RBXAVV	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RF77BJ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RG7FQ2	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RJUYNR	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RLA4RB	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12

TABLE 3

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

Item 3sp - YSTR Results

RLGT6T	Yfiler™								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23			12
RNUDG2	Yfiler™								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23			12
RUDLJE	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RYBCDC	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
RZV3QV	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			25
	12	12	17	18		23	10		12
TA34TQ	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			25
	12	12	17	18		23	10		12
TMWD3M	Yfiler™								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			
						23			12
TPDWFC	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
TU7QP8	PowerPlex® Y 23								
3sp	14	11,13	13	29	25	11	14	13	
	15	12	13	18	18	17			25
	12	12	17	18		23	10		12
URGVD8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
UU9FJ2	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	39	12	N/A	17	18	24	23	N/A	12
V2UJEB	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3sp - YSTR Results

VA2WY7	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WHY4A	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
W6VXJ6	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
WBQTAY	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WDBDQG	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WF6JN7	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WHEY7T	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WNYPG8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WPZJDK	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
WRBGTM	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
WZ3WHQ	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
X89KGC	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12



TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3sp - YSTR Results</b>									
XFURW3	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
XPNW2P	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
XQ49R8	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
XV7K47	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
XWNUMD	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
XZPPMF	PowerPlex® Y 23								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		25
		12	12	17	18		23	10	12
YAPY8B	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
YC42VW	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
YEP3FB	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
YGNWQ2	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
YU7PCM	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
YV28EP	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12

TABLE 3

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

Item 3sp - YSTR Results

ZB6WDN	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12
ZCEXAU	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
ZF3UCH	Yfiler™ Plus								
3sp	35,37	14	11,13	13	29	25	11	14	13
	15	12	13	18	30	18	17	11	25
	38	12		17	18	24	23		12
ZY6DQ2	Yfiler™								
3sp		14	11,13	13	29	25	11	14	13
	15	12	13	18		18	17		
							23		12

TABLE 3

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

Item 4 - YSTR Results

4K7RCG	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
86F9YP	Yfiler™ Plus								
4	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
98XM3P	Yfiler™ Plus								
4	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
B7H8LT	Yfiler™ Plus								
4	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result		No result	No result	No result	No result		No result
BFFMZR	Yfiler™								
4		NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT
	NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT	NO RESULT		NO RESULT
							NO RESULT		NO RESULT
EY9WA6	Yfiler™ Plus								
4									
FBVEBN	Yfiler™ Plus								
4	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results		No results	No results	No results	No results		No results
FFH437	Yfiler™								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
									-
GVEZ9F	Yfiler™ Plus								
4	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
JA4HNJ	PowerPlex® Y 23								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
KKTZEZ	Yfiler™ Plus								
4									

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

KYMMBB	Yfiler™ Plus									
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR	NR
MW8D9H	PowerPlex® Y 23									
	4	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
MZP6LB	Yfiler™ Plus									
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR	NR
N6JHL7	Yfiler™ Plus									
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR	NR
QHFGM8	Yfiler™ Plus									
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR	NR
RJUYNR	Yfiler™ Plus									
	4	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
		No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
VWHY4A	Yfiler™ Plus									
	4	NR	14	NR	13	NR	25	NR	14	13
		15	12	NR	18	30	17	17	11	NR
YC42VW	Yfiler™ Plus									
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR	NR

# Additional DNA Results

## TABLE 4

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

<b>Locus</b>	<b>WebCode</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>	<b>Item 3e</b>	<b>Item 3sp</b>	<b>Item 4</b>	<b>Item 4e</b>	<b>Item 4sp</b>
D10S2325	TA34TQ	7,14	7,14	7,11,14	7,11,14	7,11	7,14		
D21S2055	TA34TQ	26	25,26	16.1,20.1,26	16.1,20.1,26	16.1,20.1	26		
D2S1360	TA34TQ	22,24	20,25	20,22,23,24	20,22,23,24	20,23	22,24		
D3S1744	TA34TQ	17,18	14	16,17,18	16,17,18	16,17	17,18		
D4S2366	TA34TQ	9,10	11	9,10	9,10	10	9,10		
D5S2500	TA34TQ	10,15	11,12	10,15	10,15	15	10,15		
D6S474	TA34TQ	14,16	16	14,15,16	14,15,16	15,16	14,16		
D7S1517	TA34TQ	22,24	22,24	19,22,24	19,22,24	19,22,24	22,24		
D8S1132	TA34TQ	18,21	18,21	18,20,21	18,20,21	18,20	18,21		
QS1	4V924Z	Q	Q		Q	Q	Q		
	78RPRU	Q	Q		Q	Q	Q		
	DRXPF2	Q	Q		Q	Q	Q		
QS2	4V924Z	S	S		S	S	S		
	78RPRU	S	S		S	S	S		
	DRXPF2	S	S		S	S	S		

# Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16183.0	16189.0	16193.1	16217.0	16311.0	16519.0
ITEM 1						
2DUR49	C	C		C	C	C
JMNJ4J	C	C		C	C	C
KKTZEZ	C	C		C	C	
N4XHEN	C	C		C	C	C
QW73FH	C	C		C	C	C
TA34TQ	C	C		C	C	
XLJHXN	C	C	C	C	C	

## TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16129.0	16148.0	16168.0	16172.0	16187.0	16188.0	16189.0	16218.0	16223.0	16230.0	16278.0	16293.0	16311.0	16320.0
<b>ITEM 2</b>														
2DUR49	A	T	T	C	T	G	C	T	T	G	T	G	C	T
JMNJ4J	A	T	T	C	T	G	C	T	T	G	T	G	C	T
KKTZEZ	A	T	T	C	T	G	C	T	T	G	T	G	C	T
N4XHEN	A	T	T	C	T	G	C	T	T	G	T	G	C	T
QW73FH	A	T	T	C	T	G	C	T	T	G	T	G	C	T
TA34TQ	A	T	T	C	T	G	C	T	T	G	T	G	C	T
XLJHXN	A	T	T	C	T	G	C	T	T	G	T	G	C	T

TABLE 5a - ITEM 4  
Polymorphisms from Reference Sequence

	16183.0	16189.0	16217.0	16311.0	16519.0
ITEM 4					
2DUR49	C	C	C	C	C
JMNJ4J	C	C	C	C	
KKTZEZ	C	C	C	C	
N4XHEN	C	C	C	C	C
QW73FH	C	C	C	C	C
TA34TQ	C	C	C	C	



# Mitochondrial DNA - HVRI Results

TABLE 5b

**Bases Sequenced: HVR I**

<b>Webcode</b>	<b>ITEM 1</b>	<b>ITEM 2</b>	<b>ITEM 3</b>	<b>ITEM 4</b>
2DUR49	16024-16569	16024-16569		16024-16569
JMNJ4J	16024-16569	16024-16569	inconclusive	16024-16388
KKTZEZ	15975-16410	15975-16410	Mix	15975-16410
N4XHEN	16024-16569	16024-16569		16024-16569
QW73FH	16024-16569	16024-16569		16024-16569
TA34TQ	15999-16400	15999-16400	15999-16400	15999-16400
XLJHXN	16024-16356	16024-16365		

# Mitochondrial DNA - HVRII Results

## TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	263.0	309.1	309.2	309.3	310.0	315.1	430.0	485.0	499.0	563.0
<b>ITEM 1</b>											
2DUR49	G	G	C	C			C	C	C	A	
JMNJ4J	G	G	C INS	C INS			C INS	C	C	A	N
KKTZEZ	G	G				C					
N4XHEN	G	G	C	C			C				
QW73FH	G	G	C	C			C	C	C	A	
TA34TQ	G	G	C INS	C INS			C INS				
XLJHXN	G	G	C	C	C		C				

## TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	93.0	95.0	185.0	189.0	236.0	247.0	263.0	315.1	523.0	524.0
<b>ITEM 2</b>										
2DUR49	G	C	A	G	C	A	G	C	d	d
JMNJ4J	G	C	A	G	C	A	G	C INS	A DEL	C DEL
KKTZEZ	G	C	A	G	C	A	G			
N4XHEN	G	C	A	G	C	A	G	C		
QW73FH	G	C	A	G	C	A	G	C	d	d
TA34TQ	G	C	A	G	C	A	G	C INS		
XLJHXN	G	C	A	G	C	A	G	C		

## TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	263.0	309.1	309.2	310.0	315.1	430.0	485.0	499.0
<b>ITEM 4</b>									
2DUR49	G	G	C	C		C	C	C	A
JMNJ4J	G	G	C INS	C INS		C INS			
KKTZEZ	G	G			C				
N4XHEN	G	G	C	C		C			
QW73FH	G	G	C	C		C	C	C	A
TA34TQ	G	G	C INS	C INS		C INS			

# Mitochondrial DNA - HVRII Results

TABLE 6b

**Bases Sequenced: HVR II**

<b>Webcode</b>	<b>ITEM 1</b>	<b>ITEM 2</b>	<b>ITEM 3</b>	<b>ITEM 4</b>
2DUR49	1-566	1-576		1-565
JMNJ4J	1-576	1-576	Inconclusive	53-356
KKTZEZ	015-389	015-389	Mix	015-389
N4XHEN	1-400	1-400		1-400
QW73FH	1-576	1-576		1-576
TA34TQ	30-407	30-407	30-407	30-407
XLJHXN	73-340	73-340		

# DNA Interpretations

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

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
24CVBT	Yes	Yes	No	No	3C76DB	Yes	Yes	No	No
2723VP	Yes	Yes	No	No	3CKUCG	Yes	Yes	No	No
273EJZ	Yes	Yes	No	No	3DMAE9	Yes	Yes	No	No
2AWF42	Yes	Yes	No	No	3FQQ8Q	Yes	Yes	No	No
2DUR49	Yes	Yes	No	No	3GY6TR	No Interp	No Interp	No	No Interp
2EPH82	Yes	Yes	No	No	3P4WN9	Yes	Yes	No	No
2EUEPX	Yes	Yes	No	No	3RPQB2	Yes	Yes	No	No
2HW9VF	Yes	Yes	No	No	3V2ECE	Yes	Yes	No	No
2HXN4T	Yes	Yes	No	No	42HCD8	Yes	Yes	No	No
2KDU8B	Yes	Yes	No	No	444F9C	Yes	Yes	No	No
2LZG8Z	Yes	Yes	No	No	46AKA9	Yes	Yes	No	No
2MF6WC	Yes	Yes	No	No	4728K7	Yes	Yes	No	No
2MTA3J	Yes	Yes	No	No	48E2RC	Yes	Yes	No	No
2NZPBA	Yes	Yes	No	No	4AACTC	Yes	Yes	No	No
2R2478	Yes	Yes	No	No	4AN78L	Yes	Yes	No	No
2RFWFF	Yes	Yes	No	No	4AP2WJ	Yes	Yes	No	No
2T7F9W	Yes	Yes	No	No	4B4JVE	No	Yes	No	No
2W8EPF	Yes	Yes	No	No	4CGLPF	Yes	Yes	No	No
2XGET3	Yes	Yes	No	No	4D4P4A	Yes	Yes	No	No
2ZCRFZ	No Interp	No Interp	No	No Interp	4H4GLD	Yes	Yes	No	No
2ZTREX	Yes	Yes	No	No	4K7RCG	No Interp	No Interp	No	No Interp
32BBJA	Yes	Yes	No	No	4KVDB8	Yes	Yes	No	No
32MQEF	Yes	Yes	No	No	4LWJ2M	Yes	Yes	No	No
332MVZ	Yes	Yes	No	No	4LYPH2	Yes	Yes	No	No
34YDBL	Yes	Yes	No	No	4PAYA7	Yes	Yes	No	No
366E7L	Yes	Yes	No	No	4PJ7ZU	Yes	Yes	No	No
38RKE3	Yes	Yes	No	No	4QRUGG	Yes	Yes	No	No
396MAW	Yes	Yes	No	No	4UKKB6	Yes	Yes	No	No
39HGCCQ	Yes	Yes	No	No	4V924Z	Yes	Yes	No	No
3A6FCB	Yes	Yes	No	No	4WEH7C	Yes	Yes	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
4WT3G9	Yes	Yes	No	No	7QYGFJ	Yes	Yes	No	No
4XZFRW	Yes	Yes	No	No	7WGPYA	Yes	Yes	No	No
4YNUUN	Yes	Yes	No	No	7XQFLB	Yes	Yes	No	No
4Z93R2	Yes	Yes	No	No	7ZJRK6	Yes	Yes	No	No
629YXV	Yes	Yes	No	No	8384A8	Yes	Yes	No	No
63R6PD	Yes	Yes	No	No	84EGNA	Yes	Yes	No	No
68K69F	Yes	Yes	No	No	86F9YP	Yes	Yes	No	No
699AEM	Yes	Yes	No	No	87F2AY	Yes	Yes	No	No
6B8CDG	Yes	Yes	No	No	8B66QF	Yes	Yes	No	No
6C3CXT	Yes	Yes	No	No	8FCQED	Yes	Yes	No	No
6DT9VF	Yes	Yes	No	No	8GHY2V	Yes	Yes	No	No
6GRY6T	Yes	Yes	No	No	8HCLW8	Yes	Yes	No	No
6K4DMM	Yes	Yes	No	No	8HEK4G	Yes	Yes	No	No
6KVM63	Yes	Yes	No	No	8K9VAM	Yes	Yes	No	No
6P372W	Yes	Yes	No	No	8L8WGZ	Yes	Yes	No	No
6QCWPL	Yes	Yes	No	No	8MMK6R	Yes	Yes	No	No
6UBQM9	Yes	Yes	No	No	8N67YB	Yes	Yes	No	No
6YQYDT	Yes	Yes	No	No	8PNCTD	Yes	Yes	No	No
6Z48JF	Yes	Yes	No	No	8Q8GZW	Yes	Yes	No	No
726Q99	Yes	Yes	No	No	8TXAN9	Yes	Yes	No	No
72CRQF	Yes	Yes	No	No	8TXPZZ	Yes	Yes	No	No
73RCV6	Yes	Yes	No	No	8VLJZU	Yes	Yes	No	No
74W68P	Yes	Yes	No	No	8WELGH	Yes	Yes	No	No
74WM7Y	Yes	Yes	No	No	8Y4T2F	Yes	Yes	No	No
78RPRU	Yes	Yes	No	No	8YNFRB	Yes	Yes	No	No
7AKG2F	Yes	Yes	No	No	8ZUPET	Yes	Yes	No	No
7CDYNZ	Yes	Yes	No	No	92FC7X	Yes	Yes	No	No
7CPC3Q	Yes	Yes	No	No	92J9LL	Yes	Yes	No	No
7FT7T8	Yes	Yes	No	No	92N3P8	Yes	Yes	No	No
7K4RNE	Yes	Yes	No	No	93UKDG	Yes	Yes	No	No
7M47UQ	Yes	Yes	No	No	976WT4	Yes	Yes	No	No
7N4F8M	Yes	Yes	No	No	98XM3P	Yes	Yes	No	No
7PN2CP	Yes	Yes	No	No	9AH8J8	Yes	Yes	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
9BV8T2	Yes	Yes	No	No	B2AR74	Yes	Yes	No	No
9EZUNJ	Yes	Yes	No	No	B7H8LT	Yes	Yes	No	No
9GGRPA	Yes	Yes	No	No	B7PMGD	Yes	Yes	No	No
9H82FC	Yes	Yes	No	No	B7PRPV	Yes	Yes	No	No
9J4W39	Yes	Yes	No	No	BCNPB8	Yes	Yes	No	No
9KA9AN	Yes	Yes	No	No	BDNYP4	Yes	Yes	No	No
9LAX2Q	Yes	Yes	No	No	BFFMZR	Yes	Yes	No	No
9QVWBL	Yes	Yes	No	No	BGLBZP	Yes	Yes	No	No
9RGDXU	Yes	Yes	No	No	BJG84W	Yes	Yes	No	No
9VMAPV	Yes	Yes	No	No	BMTBHT	Yes	Yes	No	No
9W8EUT	Yes	Yes	No	No	BRAKX4	Yes	Yes	No	No
9XBLNZ	Yes	Yes	No	No	C32JXM	Yes	Yes	No	No
A2YDNT	Yes	Yes	No	No	C4RCMR	Yes	Yes	No	No
A42CUW	Yes	Yes	No	No	C7WTW	No Interp	No Interp	No	No
A92BQ9	Yes	Yes	No	No	C9YDGN	Yes	Yes	No	No
A9E2GA	Yes	Yes	No	No	CAR4RA	Yes	Yes	No	No
ACJCCY	Yes	Yes	No	No	CBTHN6	Yes	Yes	No	No
ACVGNX	Yes	Yes	No	No	CDAZBY	Yes	Yes	No	No
AK3FVD	Yes	Yes	No	No	CDFABC	Yes	Yes	No	No
AKCKWQ	Yes	Yes	No	No	CE4TTB	Yes	Yes	No	No
AN624J	Yes	Yes	No	No	CKKC3C	Yes	Yes	No	No
ANGNUR	Yes	Yes	No	No	CLKLKG	Yes	Yes	No	No
ANTD6Q	Yes	Yes	No	No	CN6VYM	Yes	Yes	No	No
AUKMBJ	No	Yes	No	No	CNQRHV	Yes	Yes	No	No
AURZJK	Yes	Yes	No	No	CQM4TF	Yes	Yes	No	No
AVCBHX	Yes	Yes	No	No	CR6KG2	Yes	Yes	No	No
AVXZ78	Yes	Yes	No	No	CRMXUQ	Yes	Yes	No	No
AVYB63	Yes	Yes	No	No	CRREB7	Yes	Yes	No	No
AW9VW7	Yes	Yes	No	No	CTTE2D	Yes	Yes	No	No
AWW2EK	Yes	Yes	No	No	CWLPLB	Yes	Yes	No	No
AXHFE8	Yes	Yes	No	No	D2QHPZ	Yes	Yes	No	No
AXUWAE	Yes	Yes	No	No	DCE8V2	Yes	Yes	No	No
AY6RKK	Yes	Yes	No	No	DF7XXH	Yes	Yes	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
DFZCZW	Yes	Yes	No	No	FFH437	Yes	Yes	No	No
DHTU7A	Yes	Yes	No	No	FFKMDN	Yes	Yes	No	No
DK9RD2	Yes	Yes	No	No	FGUPYM	Yes	Yes	No	No
DKG76E	Yes	Yes	No	No	FHM3K7	Yes	Yes	No	No
DKGQL2	Yes	Yes	No	No	FJ32GN	Yes	Yes	No	No
DLUXXV	Yes	Yes	No	No	FJ7VMU	Yes	Yes	No	No
DRXPF2	Yes	Yes	No	No	FKN3UW	Yes	Yes	No	No
DT3YXR	Yes	Yes	No	No	FPMJXX	Yes	Yes	No	No
DUN26Y	Yes	Yes	No	No	FPT6X8	Yes	Yes	No	No
DV2W48	Yes	Yes	No	No	FW9CAW	Yes	Yes	No	No
DWUGHW	No Interp	Yes	No Interp	No	FZA4EW	Yes	Yes	No	No
DXQC7N	Yes	Yes	No	No	FZZJYD	Yes	Yes	No	No
DY6JQK	Yes	Yes	No	No	G3C9J4	No	Yes	No	No
E426BQ	Yes	Yes	No	No	G7TJMZ	Yes	Yes	No	No
E4TFGY	Yes	Yes	No	No	G8UY8H	Yes	Yes	No	No
E6EMH3	Yes	Yes	No	No	G8YBVE	Yes	Yes	No	No
E7TYEL	Yes	Yes	No	No	G9XCED	Yes	Yes	No	No
ECM2QR	Yes	Yes	No	No	GAAVFA	Yes	Yes	No	No
EDZF89	Yes	Yes	No	No	GD784Z	Yes	Yes	No	No
EJN9D8	Yes	Yes	No	No	GFX4LG	Yes	Yes	No	No
EKJL9L	Yes	Yes	No	No	GKMUPP	Yes	Yes	No	No
EKLV7J	Yes	Yes	No	No	GL63GK	Yes	Yes	No	No
EPX6K3	Yes	Yes	No	No	GLX6MM	Yes	Yes	No	No
EVMERK	Yes	Yes	No	No	GM7GXX	Yes	Yes	No	No
EY9WA6	Yes	Yes	No	No	GM7H34	Yes	Yes	No	No
EYYJUU	Yes	Yes	No	No	GN8JD9	Yes	Yes	No	No
F3B9RG	Yes	Yes	No	No	GRB7ER	Yes	Yes	No	No
F88CL2	Yes	Yes	No	No	GTEQLT	Yes	Yes	No	No
FA7ARG	Yes	Yes	No	No	GUUKHR	Yes	Yes	No	No
FAN4RQ	Yes	Yes	No	No	GUXB3C	Yes	Yes	No	No
FBLRCT	Yes	Yes	No	No	GVEZ9F	Yes	Yes	No	No
FBVEBN	Yes	Yes	No	No	GXGMKE	Yes	Yes	No	No
FCYNDT	Yes	Yes	No	No	GXPW3K	Yes	Yes	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
H363HE	Yes	Yes	No	No	JWLLG	Yes	Yes	No	No
H4A9JY	Yes	Yes	No	No	JXRP6W	Yes	Yes	No	No
HABZHP	Yes	Yes	No	No	JYAKDC	Yes	Yes	No	No
HAD8ZQ	No Interp	No Interp	No	No	K637DW	Yes	Yes	No	No
HBHK46	Yes	Yes	No	No	K72Y83	Yes	Yes	No	No
HCTAJB	Yes	Yes	No	No	K7JQE3	Yes	Yes	No	No
HDEAZA	Yes	Yes	No	No	K8RHC3	Yes	Yes	No	No
HFB47F	Yes	Yes	No	No	K98Y9F	Yes	Yes	No	No
HH9372	Yes	Yes	No	No	K998J9	Yes	Yes	No	No
HHHGRN	Yes	Yes	No	No	KB729R	Yes	Yes	No	No
HK6LF9	Yes	Yes	No	No	KBAT8L	Yes	Yes	No	No
HK6N3R	Yes	Yes	No	No	KDZWX8	Yes	Yes	No	No
HND2GQ	Yes	Yes	No	No	KE3KQT	Yes	Yes	No	No
HNZHML	Yes	Yes	No	No	KGHTD4	Yes	Yes	No	No
HTG6XY	Yes	Yes	No	No	KKTZEZ	Yes	Yes	No	No
HUHX3C	Yes	Yes	No	No	KMKCFF	Yes	Yes	No	No
HVF23E	Yes	Yes	No	No	KMQH7Q	Yes	Yes	No	No
HWHQM4	Yes	Yes	No	No	KN8JEC	Yes	Yes	No	No
J27Q64	Yes	Yes	No	No	KNTVGR	Yes	Yes	No	No
JA29YK			No		KNY928	No	Yes	No	No
JA4HNJ	Yes	Yes	No	No	KPABM7	No	Yes	No	No
JAHGUB	Yes	Yes	No	No	KPLZMK	Yes	Yes	No	No
JDGCAE	Yes	Yes	No	No	KRYH83	Yes	Yes	No	No
JGZFCL	Yes	Yes	No	No	KT2EH6	Yes	Yes	No	No
JJQQ3E	Yes	Yes	No	No	KT9GAU	Yes	Yes	No	No
JKJRDP	Yes	Yes	No	No	KVXEPM	Yes	Yes	No	No
JMNJ4J	Inc	Yes	Inc	No	KX27PP	Yes	Yes	No	No
JNL9ML	Yes	Yes	No	No	KX62HK	Yes	Yes	No	No
JPEU6W	Yes	Yes	No	No	KYMMBB	Yes	Yes	No	No
JPXKCV	Yes	Yes	No	No	L788NV	Yes	Yes	No	No
JRN3U4	Yes	Yes	No	No	L8A44J	Yes	Yes	No	No
JV7BUN	No Interp	Yes	No Interp	No	L9LKGW	Yes	Yes	No	No
JVJM9Z	Yes	Yes	No	No	L9TPB2	Yes	Yes	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
LCD48V	Yes	Yes	No	No	MZ4Z4R	Yes	Yes	No	No
LDMJEU	Yes	Yes	No	No	MZ63JN	Yes	Yes	No	No
LE49WK	Yes	Yes	No	No	MZP6LB	Yes	Yes	No	No
LGCUXL	Yes	Yes	No	No	N4NGMN	Yes	Yes	No	No
LGV88C	Yes	Yes	No	No	N4XHEN	Yes	Yes	No	No
LK892W	Yes	Yes	No	No	N6JHL7	Yes	Yes	No	No
LLNC32	Yes	Yes	No	No	N6WHJV	Yes	Yes	No	No
LLXZLU	Yes	Yes	No	No	N9ZNK2	Yes	Yes	No	No
LMK4DV	Yes	Yes	No	No	NBENZE	Yes	Yes	No	No
LVE98W	Yes	Yes	No	No	NBEQMX	Yes	Yes	No	No
LZNP6Y	No	Yes	No	No	NCR6AL	Yes	Yes	No	No
M2E4DA	Yes	Yes	No	No	ND22T8	Yes	Yes	No	No
M2QVYK	Yes	Yes	No	No	NDHRL6	Yes	Yes	No	No
M34D4C	Yes	Yes	No	No	NDKKHR	Yes	Yes	No	No
M3QBNA	Yes	Yes	No	No	NDW622	Yes	Yes	No	No
M8P6KY	Yes	Yes	No	No	NFQ2R9	Yes	Yes	No	No
MBJJ92	Yes	Yes	No	No	NHYMT9	Yes	Yes	No	No
MC9YAW	Yes	Yes	No	No	NJANE8	Yes	Yes	No	No
MFN2TF	Yes	Yes	No	No	NJNN76	Yes	Yes	No	No
MFU9EB	Yes	Yes	No	No	NLEAXF	No	Yes	No	No
MGZJ8F	Yes	Yes	No	No	NLYVY4	Yes	Yes	No	No
MHNQ27	Yes	Yes	No	No	NMUFNN	Yes	Yes	No	No
MKK64F	Yes	Yes	No	No	NMWL67	Yes	Yes	No	No
MKTF7Z	Yes	Yes	No	No	NNHH47	Yes	Yes	No	No
MLLQ4Z	Yes	Yes	No	No	NNQEZP	Yes	Yes	No	No
MPKPDC	Yes	Yes	No	No	NTFFVN	Yes	Yes	No	No
MPW2RN	Yes	Yes	No	No	NUQ6F3	Yes	Yes	No	No
MR7XFF	Yes	Yes	No	No	NZCW6N	Yes	Yes	No	No
MV8YKJ	Yes	Yes	No	No	NZHUWD	Yes	Yes	No	No
MVL3W3	Yes	Yes	No	No	P26JJH	Yes	Yes	No	No
MW8D9H	Yes	Yes	No	No	P384UQ	Yes	Yes	No	No
MWV22J	Yes	Yes	No	No	P6RKJJ	Yes	Yes	No	No
MY2GHN	Yes	Yes	No	No	P6TQA7	Yes	Yes	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
P7M9ZT	Yes	Yes	No	No	QTKDXP	Yes	Yes	No	No
P8Z4VE	Yes	Yes	No	No	QW73FH	Yes	Yes	No	No
PBE7XX	Yes	Yes	No	No	QWZU8U	Yes	Yes	No	No
PBUJB9	Yes	Yes	No	No	QXF8T7	Yes	Yes	No	No
PC44ZQ	Yes	Yes	No	No	R6PZFL	Yes	Yes	No	No
PDKRMH	Yes	Yes	No	No	R6ZY6B	Yes	Yes	No	No
PFBX2N	Yes	Yes	No	No	R7CAZ2	Yes	Yes	No	No
PGKJHU	Yes	Yes	No	No	RBKJ34	Yes	Yes	No	No
PKG9WF	Yes	Yes	No	No	RBXAW	Yes	Yes	No	No
PKMRVY	Yes	Yes	No	No	RDD9RQ	Yes	Yes	No	No
PMWH9E	Yes	Yes	No	No	RF77BJ	Yes	Yes	No	No
PNWRT6	Yes	Yes	No	No	RG7FQ2	Yes	Yes	No	No
PPP3PK	Yes	Yes	No	No	RJUYNR	Yes	Yes	No	No
PRWX9B	Yes	Yes	No	No	RL4N3T	Yes	Yes	No	No
PTQ84Q	Yes	Yes	No	No	RLA4RB	Yes	Yes	No	No
PWVPKQ	Yes	Yes	No	No	RLGT6T	No Interp	No Interp	No	No Interp
PY37WX	Yes	Yes	No	No	RMJ7HF	Yes	Yes	No	No
PYDZBJ	Yes	Yes	No	No	RNUDG2	Yes	Yes	No	No
PZR32C	Yes	Yes	No	No	RPCYG6	Yes	Yes	No	No
Q3CNCR	Yes	Yes	No	No	RPM9Y4	Yes	Yes	No	No
Q7D9HH	Yes	Yes	No	No	RTJA4K	Yes	Yes	No	No
Q7QHXX	Yes	Yes	No	No	RTY9TW	Yes	Yes	No	No
QCPJ2K	Yes	Yes	No	No	RUDLJE	Yes	Yes	No	No
QGFJTD	Yes	Yes	No	No	RUHZAL	Yes	Yes	No	No
QHFGM8	Yes	Yes	No	No	RVJEBM	Yes	Yes	No	No
QJ6QDA	No Interp	No Interp	No Interp	No Interp	RYBCDC	No Interp	No Interp	No	No Interp
QJL6KK	Yes	Yes	No	No	RZV3QV	No Interp	No Interp	No Interp	No Interp
QPANLE	Yes	Yes	No	No	T2869M	Yes	Yes	No	No
QPU77N	Yes	Yes	No	No	T2FLKY	Yes	Yes	No	No
QQP6JA	Yes	Yes	No	No	T63UHE	Yes	Yes	No	No
QRDW26	Yes	Yes	No	No	T6ZRJG	Yes	Yes	No	No
QRYWC4	Yes	Yes	No	No	TA34TQ	Yes	Yes	No	No
QRZV7B	No Interp	No Interp	No Interp	No Interp	TA9U7P	Yes	Yes	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
TBU2CA	Yes	Yes	No	No	VLVQGB	Yes	Yes	No	No
TFYMJX	Yes	Yes	No	No	VPX3DV	Yes	Yes	No	No
TKTGGY	Yes	Yes	No	No	WHY4A	Yes	Yes	No	No
TMWD3M	Yes	Yes	No	No	VZL3HQ	Yes	Yes	No	No
TPDWFC	Yes	Yes	No	No	W6VXJ6	Yes	Yes	No	No
TQ43TH	Yes	Yes	No	No	W7JUUL	Yes	Yes	No	No
TRQ77Q	No	Yes	No	No	W8HFXJ	Yes	Yes	No	No
TU7QP8	Yes	Yes	No	No	WBQTAY			No	
TWNHA3	Yes	Yes	No	No	WDBDQG	Yes	Yes	No	No
TYUZ9Y	Yes	Yes	No	No	WF6JN7	Yes	Yes	No	No
UDPWR9	Yes	Yes	No	No	WF7JGE	Yes	Yes	No	No
UFYRRF	Yes	Yes	No	No	WFCKQK	Yes	Yes	No	No
UK3E2M	Yes	Yes	No	No	WHEY7T	Yes	Yes	No	No
UKN7WT	Yes	Yes	No	No	WKXHZF	Yes	Yes	No	No
UQ62K6	Yes	Yes	No	No	WNYPG8	Yes	Yes	No	No
UQKD8G	Yes	Yes	No	No	WPLW2W	Yes	Yes	No	No
UR8R6K	Yes	Yes	No	No	WPZGQ2	Yes	Yes	No	No
URGVD8	Yes	Yes	No	No	WPZJDK	Yes	Yes	No	No
UU9FJ2	No Interp	No Interp	No	No Interp	WRBGTM	Yes	Yes	No	No
UUH2KG	Yes	Yes	No	No	WRUJ24	Yes	Yes	No	No
UUWYPG	Yes	Yes	No	No	WV9ULD	Yes	Yes	No	No
UWR2M4	Yes	Yes	No	No	WZ3WHQ	Yes	Yes	No	No
UXY7E7	Yes	Yes	No	No	X28QQV	Yes	Yes	No	No
UYN9TM	Yes	Yes	No	No	X4HFKP	Yes	Yes	No	No
V2UJEB	Yes	Yes	No	No	X4PGQU	Yes	Yes	No	No
V3RWTG	Yes	Yes	No	No	X4WXB	Yes	Yes	No	No
V6NYPX	No	Yes	No	No	X89KGC	Yes	Yes	No	No
V6WG3A	Yes	Yes	No	No	XACHJR	No	Yes	No	No
V8MFKE	Yes	Yes	No	No	XBG328	Yes	Yes	No	No
V8WJHK	Yes	Yes	No	No	XC2ANN	Yes	Yes	No	No
VA2WY7	Yes	Yes	No	No	XCQ36U	Yes	Yes	No	No
VBG2MW	Yes	Yes	No	No	XEEMZP	Yes	Yes	No	No
VK69R9	Yes	Yes	No	No	XFURW3	Yes	Yes	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
XHC2FA	Yes	Yes	No	No	Z6Y66Q	Yes	Yes	No	No
XJ3C73	No Interp	No Interp	No Interp	No Interp	Z9QJ8D	Yes	Yes	No	No
XK6WFP	Yes	Yes	No	No	ZB6WDN	Yes	Yes	No	No
XKCH6P	Yes	Yes	No	No	ZCEXAU	Yes	Yes	No	No
XLJHXN	Yes	Yes	No	No	ZCNLB2	Yes	Yes	No	No
XMJT4E	Yes	Yes	No	No	ZEYZZZ	Yes	Yes	No	No
XPNW2P	Yes	Yes	No	No	ZF3UCH	Yes	Yes	No	No
XQ49R8	Yes	Yes	No	No	ZHR2Q4	Yes	Yes	No	No
XT2QLK	Yes	Yes	No	No	ZKRZGG	Yes	Yes	No	No
XTA762	Yes	Yes	No	No	ZMVJEP	Yes	Yes	No	No
XV7K47	Yes	Yes	No	No	ZUVP2J	Yes	Yes	No	No
XWB8A6	Yes	Yes	No	No	ZWAUBU	Yes	Yes	No	No
XWHX93	Yes	Yes	No	No	ZWKVLG	Yes	Yes	No	No
XWKBQC	Yes	Yes	No	No	ZY6DQ2	Yes	Yes	No	No
XWNUMD	Yes	Yes	No	No	ZZY7LK	Yes	Yes	No	No
XZPPMF	No Interp	No Interp	No	No Interp					
XZTAC6	Yes	Yes	No	No					
Y22ZXH	Yes	Yes	No	No					
Y3UHRL	Yes	Yes	No	No					
YAPY8B	Yes	Yes	No	No					
YC42VW	Yes	Yes	No	No					
YEEY9E	Yes	Yes	No	No					
YEP3FB	Yes	Yes	No	No					
YGNWQ2	Yes	Yes	No	No					
YH79YD	Yes	Yes	No	No					
YT8V4G	Yes	Yes	No	No					
YU7PCM	Yes	Yes	No	No					
YV28EP	Yes	Yes	No	No					
YWG8ED	Yes	Yes	No	No					
YZNCGY	Yes	Yes	No	No					
Z2K46J	Yes	Yes	No	No					
Z3PUUK	Yes	Yes	No	No					
Z6E2EH	Yes	Yes	No	No					

<b>DNA Interpretation</b>				
<b>Response Summary</b>	<b>Participants reporting DNA results: 570</b>			
<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 &amp; 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	<b>542</b>	<b>555</b>	<b>0</b>	<b>0</b>
No	<b>10</b>	<b>0</b>	<b>563</b>	<b>557</b>
Inc	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
No Interpretation	<b>15</b>	<b>13</b>	<b>6</b>	<b>11</b>
No Response	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>

Participants analyzing DNA for database purposes only: 0

# Additional Comments

## TABLE 8

WebCode	Additional Comments
24CVBT	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.
2723VP	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.
2AWF42	NR=No results
2DUR49	Item 3 was not tested for mtDNA because laboratory does not perform mtDNA testing on mixtures.
2EPH82	NR= NO RESULT. **=POSSIBLE ELEVATED STUTTER
2EUEPX	This lab does not conduct Y-STR or mtDNA testing. Reporting results with stutter filters ON.
2MF6WC	carryover from the sperm fraction is observed in the epithelial fraction
2ZTRES	NR = no results
396MAW	For Powerplex Fusion results, DYS391 is reported as "INC" per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
3A6FCB	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
3GY6TR	items #1 and #4 were not amplified with YFP as no male DNA was detected. Serology testing was performed by a qualified Forensic Biology scientist. AP result for #4 is inconclusive due to the color of the stain - inconclusive unable to discern possible color change at the time limit of the test.
3V2ECE	results reported with stutter filters on. Mito and Y STR testing not performed.
46AKA9	3e is consistent with victim and carry-over from the sperm fraction.
4728K7	results reported with stutter filters on
4CGLPF	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contains an elevated stutter peak which is being reported to the vendor as an additional comment but which has been modeled as stutter probabilistically during interpretation at the following locus: Item 2, D5S818, 9 peak.
4D4P4A	Sperm fraction carry-over observed in epithelial fraction.



TABLE 8

WebCode	Additional Comments
4K7RCG	I am not currently signed off to perform semen screening or differential extractions. Since only Y-STR testing was being performed for this proficiency, Item 1 (female victim known) did not proceed forward to amplification and detection. Per lab SOP, the additional type obtained on Item 3A (DYS456 allele 17) would be conservatively reported and may be a possible minor allele or artifact such as elevated stutter. This additional type would have no significant impact on my interpretation. The predominant profile obtained would be used for comparison to reference samples and performing statistical analysis, if applicable. Item 4A had obtained no male DNA results therefore comparison to reference samples cannot be made.
4KVDB8	NA= indicates not applicable
4PAYA7	Item 4 - this item was incorrectly submitted for differential lysis, the sperm fraction returned no quantitation value and was not sent for amplification.
4QRUGG	De acuerdo con los análisis realizados y los resultados obtenidos en los loci genéticos D1S1656, D2S1338, D2S441, D3S1358, D5S818, D7S820, D8S1179, D10S1248, D12S391, D13S317, D16S539, D18S51, D19S433, D21S11, D22S1045, CSF1PO, FGA, PENTA D, PENTA E, SE33, THO1, TPOX, vWA y Amelogenina y los resultados obtenidos para los Sistemas de Cromosoma Y: DYS19, DYS385a/b, DYS389I, DYS389II, DYS390, DYS391, DYS392, DYS393, DYS437, DYS438, DYS439, DYS448, DYS458, DYS481, DYS533, DYS549, DYS570, DYS576, DYS635, DYS643, DYS456, Y-GATA-H4 y el Y-Indel analizados en las muestras se concluye que: a) De la muestra 202303882-1 (Mancha rojiza en trozo de tela blanco, Item1: Sangre conocida de la víctima femenina), se obtuvo un perfil genético correspondiente a un individuo de sexo femenino. b) De la muestra 202303882-2 (Mancha rojiza en trozo de tela blanco, Item2: Sangre conocida del sospechoso masculino), se obtuvo un perfil genético correspondiente a un individuo de sexo masculino. c) De la muestra 202303882-3 (Mancha rojiza en trozo de tela rosada, Item3: Mancha cuestionada de la ropa interior de la víctima), se detectó la presencia de sangre humana y se detectó la presencia de semen. Así mismo se obtuvo una mezcla de perfiles genéticos que incluye por lo menos a dos individuos, donde al menos uno de ellos es de sexo masculino. Adicionalmente se obtuvo un haplotipo de cromosoma Y, cuya información refiere únicamente a individuos de sexo masculino. d) De la muestra 202303882-4 (Mancha rojiza en trozo de tela azul, Item4: Mancha cuestionada de la sabana de la víctima), se detectó la presencia de sangre humana y no se detectó la presencia de semen; Así mismo se obtuvo un perfil genético correspondiente a un individuo de sexo masculino y un haplotipo de cromosoma Y, cuya información refiere únicamente a individuos de sexo masculino. Cotejos Genéticos e) Los perfiles genéticos obtenidos de las muestras 202303882-1 (Mancha rojiza en trozo de tela blanco, Item1: Sangre conocida de la víctima femenina) y 202303882-4 (Mancha rojiza en trozo de tela azul, Item4: Mancha cuestionada de la sabana de la víctima) coinciden entre sí en los sistemas en los que se obtuvo resultado. f) El perfil genético obtenido de la muestra 202303882-1 (Mancha rojiza en trozo de tela blanco, Item1: Sangre conocida de la víctima femenina) se encuentra contenido en la mezcla de perfiles genéticos obtenido de la muestra 202303882-3 (Mancha rojiza en trozo de tela rosada, Item3: Mancha cuestionada de la ropa interior de la víctima). [Requested translation was not provided by time of publication.]
4UKKB6	reporting results with stutter filters on
4V924Z	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
4XZFRW	NR = No results
4Z93R2	Results reported with stutter filters on
6UBQM9	Exhibit 4 acid phosphatase test was inconclusive due to fabric color.
73RCV6	Carryover maybe present in the differential fractions
74WM7Y	NR = No Result

TABLE 8

WebCode	Additional Comments
78RPRU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. Item 3-SF (PPY23): One additional allele from an unknown source was detected above analytical threshold at the DYS458 locus in the PowerPlex Y23 amplification of sample Item 3-SF. Due to the limited data available, no conclusions can be made regarding the source of this allele.
7CDYNZ	reporting results with stutter filters on
7PN2CP	NR = No results
86F9YP	NR=No Results. Item 2 was analyzed with YFP in direct mode
87F2AY	NR = no results
8GHY2V	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.
8N67YB	Stutter filters on
8Q8GZW	Results were consistent across kits where appropriate. YSTR results were not used in the interpretation. The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from the epithelial fraction of Item 3. The results listed in this CTS report reflect DNA profiles with stutter filters on.
8TXAN9	reporting with no stutter filters on
8TXPZZ	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.
8VLJZU	reporting with stutter filters on
8YNFRB	Presumptive testing detected the possible presence of blood on Items 1C and 1D. Spermatozoa were observed on Item 1C, which confirms the presence of semen. Semen was not detected on Item 1D.
8ZUPET	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.
92FC7X	NR - no results
976WT4	Item 3 (epithelial cell portion) carry over from Item 3 (sperm cell portion).
98XM3P	NR= No Results. Item 2 was analyzed with Yfiler Plus in direct mode.
9J4W39	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. The reported results may incorporate stutter peaks that would have been filtered during conventional analysis.
9KA9AN	NR= No results. **=possible elevated stutter
9RGDXU	reporting results with stutter filters on
A2YDNT	NR = no result

TABLE 8

WebCode	Additional Comments
AK3FVD	ND=Not detected. **=May be attributed to elevated stutter
ANGNUR	Results reported with stutter filters on
AVCBHX	Reporting results with stutter filters on. This lab does not perform Y-STR or mtDNA testing.
AVXZ78	Reporting results with stutter filters on.
AVYB63	carry over in epi from sp
B7H8LT	Items 1 and 2 were not analyzed using the Y-screen assay. Item 1 was not analyzed for Y-STRs due to it being a female reference sample. Item 2 was analyzed with Yfiler Plus in direct mode.
B7PMGD	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.
BDNYP4	The following 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: sperm fraction from the cutting of the underwear (EX 03-1S), the reference DNA profile from the Victim (EX 01-1), and the reference DNA profile from the Suspect (Ex 02-1).
BEQFRF	Only assigned Screening test
BMTBHT	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No result
C32JXM	NR= No results
C4RCMR	STRmix analysis was conducted on this test.
C7WTWV	Proficiency test was performed for Y-STRs only. For this reason, the female known was not examined and Item 4 was not Y-STR profiled due to negative male DNA on quantification. In the DNA Interpretation Section, the male suspect (Item 2) was determined not to be a contributor to Item 4 due to no male DNA being detected on the quantitation run.
CAR4RA	reporting results with stutter filters on
CDFABC	NR = No Result
CRMUQ	NR - no results
DHTU7A	The '21' allele reported at DYS627 for Item 3 sperm fraction is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile.
DKG76E	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.
DRXPF2	On the epithelial fraction of item 3 (3e) there is possible dropout of the 16 allele at the D1S1656 locus due to poor separation between the 15.3 and 16 alleles (1 base pair). Across multiple injections, a shoulder appears on the right side of the 15.3 allele, but it is not being called by the GeneMapper ID-X software.
DT3YXR	The quantity of DNA detected in the sperm fraction of the sample extract from Item 4 indicated that there was an insufficient amount of DNA for amplification and did not warrant further analysis. No amplification of the sperm fraction was performed per laboratory protocol.

TABLE 8

WebCode	Additional Comments
DV2W48	Results reported with stutter filters on
E4TFGY	NA - indicates not applicable.
EPX6K3	Item # 1C Property Receipt # EPX6K3: Red stain on pink fabric. Collected from the "victim's underwear (pink)". Labeled as "Item 3" on Property Receipt. Item # 1C1 Property Receipt # EPX6K3: Cut of red stain. Item # 1D Property Receipt # EPX6K3: Red stain on blue fabric. Collected from "victim's fitted bed sheet (blue)". Labeled as "Item 4" on Property Receipt. Item # 1D1 Property Receipt # EPX6K3: Cut of red stain.
EYYJUU	Y-STR and mitochondrial DNA analysis not performed in this laboratory. DNA analysis performed with stutter filters on.
FA7ARG	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
FAN4RQ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
FBVEBN	Item 2 analyzed with Yfiler Plus in direct mode.
FCYNDT	NR = no result
FFH437	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Applied Biosystems™ Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the Applied Biosystems™ Globalfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 2, Item 3 and Item 4 were also amplified using the Applied Biosystems™ AmpFLSTR™ Yfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed using GeneMapper™ ID-X Software v1.5. Quality Control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis, and all gave intended results. Remark: "NM" denoted non-male profile.
FJ7VMU	For Item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
FZZJYD	NR = no results
G6VD3Y	No DNA analysis performed; only body fluid screening results will be reported.
GVEZ9F	NR = No Result. 1A and 1B not analyzed using Y-Screen Assay. 1A not analyzed using YFP. Item 2 analyzed using YFP in Direct Mode.
HABZHP	Reporting results with stutter filters on
HAD8ZQ	Y-STR testing only Proficiency Test. Item #1 not tested - female victim. Suspect (Item #2) excluded based on no male DNA recovered from Item #4.
HDEAZA	The mixture "Item 3" originates from victim (Item 1) + one unknown person: the value of LR is 3.67786E12. For markers D1S1656 and D5S818 one of the two victim alleles (15.3 and 11 respectively) are present in stutter position. The "Item 4" originates from the victim (Item 1).
HNZHML	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
HUHX3C	Victim is excluded on Item 3 SF-F1. Victim is assumed on Item 3 EF-F2. NR = No results.
JA29YK	Male screen testing was performed by a member of the Forensic Biology unit. Data was analyzed by DNA analyst. Only items with male DNA were tested (2 and 3). Items 1 and 4 were not tested.

TABLE 8

WebCode	Additional Comments
JAHGU8	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.
JMNJ4J	Item 3 is reported as inconclusive because this laboratory does not interpret mixtures.
JV7BUN	For item 3 a differential extraction was performed and produced an indistinguishable mixture for the EF therefore no comparisons were made, and no statistical analysis was performed. A single source male DNA profile was obtained for the SF. This profile was not consistent with the DNA profile obtained from the known sample of Female Victim or the DNA profile obtained from the known sample of Male Suspect.
K72Y83	Single additional spurious peak at DYS627; left as called but likely is an artifact.
K8RHC3	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.
K98Y9F	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.
KMRVT7	Body Fluid ID only
KRYH83	Extraction: Item 1, Item 2 and Item 4 were extracted using Chelex Extraction. Item 3 was extracted using Differential Chelex Extraction. 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 GlobalFiler Kit on 9700 GeneAmp PCR System. Item 2 and Item 3 were amplified using AMPFISTR YFiler Kit on 9700 GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by Genetic Analyser 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control, and negative control were carried out along with the analysis and all gave the intended results. *NM denotes non male profile.
KX27PP	NR = no results
KX62HK	NR= No results
KYMMBB	NR = No results. Item 2 was analyzed with Yfiler Plus in direct mode. For the screening portion, item 3 was ALS negative followed by three positive tests for semen (AP, PSA, Micro).
L788NV	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report.
LCD48V	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. This may incorporate stutter peaks that would have been filtered during conventional analysis.

TABLE 8

WebCode	Additional Comments
LGV88C	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results. Item 4-1-S was discontinued at quantification stage per policy.
LK892W	NR = No Result
LMK4DV	NR = no results
M3QBNA	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.
M3TEJT	Kastle-Meyer Test for Blood: Presumptive testing detected the possible presence of blood on Items 3 and 4. Microscopic Examination for Spermatozoa and p30 Testing: Spermatozoa were observed on Item 3, which confirms the presence of semen. Semen was not detected on Item 4.
MBJJ92	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.
MHNQ27	Extraction : 1) Item 1 and Item 2 were extracted using Chelex extraction method. 2) Item 3 were extracted using Chelex differential extraction method. 2) Item 4 was extracted using DNA Investigator Kit via QIAAsymphony SP. Quantification : Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantitation Kit on QuantStudio 5. Amplifications : 1) Item 1, Item 2, Item 3 and Item 4 were amplified using the GlobalFiler PCR Amplification Kit on 9700 GeneAmp PCR System. 2) Item 2 and Item 3 were also amplified using AmpFISTR YFiler kit on 9700 GeneAmp PCR System. Electrophoresis : Capillary electrophoresis on all amplified samples (Globalfiler PCR and YFiler) were carried out on Genetic Analyzer 3500xL. Quality Control : Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results. NM : non-male profile.
MKK64F	NR=no results, GF and YF are concordant for each sample at DYS391
MPKPDC	DYS391 Fusion results are reported as inconclusive (INC) for all samples tested as per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
MR7XFF	NR = No result. PowerPlex Fusion and MiniFiler were performed on Item 4. Results are concordant at all overlapping loci.
MV8YKJ	NT=Not tested. NR=No results detected. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
MVL3W3	The Y-screen result (0.0002 ng/uL) for sample 4 was within the [Laboratory] inconclusive range for this test. The quantitation value for male DNA from sample 4's extraction (0.0180 ng/uL) also indicates that there is male DNA present. Downstream results (egram) did not detect male DNA. Sample 1 (Female victim reference) also had a male quant value of 0.0005 ng/uL but a female DNA profile was ultimately detected.

TABLE 8

WebCode	Additional Comments
MZP6LB	NR = No results. Item 2 amplified using YFiler Plus direct mode
N6JHL7	NR=No Results. Item 2 amplified with YFiler Plus in direct mode
N6WHJV	Data analyzed at 67RFU (analytical threshold) for probabilistic genotyping analysis and the minor allele 16 at locus D10S1248 is possible a stutter in item 3EF.
N9ZNK2	Statistical analysis not performed because per lab policy, Victim samples on their own property (Item 3, Victim's Underwear) and (Item 4, Victim's Bedsheet) do not require a stat.
NBEQMX	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.
NHYMT9	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.
NJANE8	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.
NLYVY4	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.
NMUFNN	NID=No interpretable data. Inclusions and exclusions were conducted by the analyst outside of the STRmix software programs. STRmix was used, however, to calculate a likelihood ratios for the following propositions: Item 3: Fraction 1: 1sU_UU, Item 4: 1s_U. Per FBU policy, STRmix would not be run in casework for items 3 fraction 1 and item 4, as the items were the victims (item 1). Stat run for PT purposes only. Items 1 and 2 were both excluded from Item 3 fraction 2. No stat was generated. Powerplex Y23 sample processing was conducted on the following items: Item 3 fraction 1, item 3 fraction 2, and item 2. YSTR analysis and interpretation was not conducted.
NTFFVN	The following STR DNA profiles are eligible to be entered into the COmBined DNA Index System (CODIS) database in accordance with local, state, and national regulations where regular searches will be performed: the deduced male DNA profile from the victim's underwear (EX 03-1) and the reference DNA profiles from the female victim (EX 01-1) and the male suspect (EX 02-1). Semen confirmatory testing, differential extraction, and Y-STR testing were not required for this analyst because training and competency in those areas has not been completed yet.
P26JJH	N/A - not applicable



TABLE 8

WebCode	Additional Comments
P6TQA7	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.
PDKRMH	reporting with stutter filters on
PRWX9B	NR=No Result. Item 2 - Concordance between PPFusion & YFiler at DYS391. Concordance between LCN-Y & regular YFiler at all loci. Item 3 - Concordance between PPFusion & YFiler at DYS391. Concordance between LCN-Y & regular YFiler at all loci. Item 4 - MiniFiler amplification performed on Item 4. Concordance between PPFusion & MiniFiler at all overlapping loci.
PZR32C	Item 4 was processed in MiniFiler and PowerPlex Fusion. Data was concordant at overlapping loci. NR = No Result
QHFGM8	NR = No Results. Item 2 analyzed with YFP in direct mode
QJ6QDA	NR = No Results. All screening tests from Part 1 performed by a competent forensic biologist. DNA analyst performing known/reference benchwork only.
QPANLE	N/A = Not applicable
QRYWC4	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.
QRZV7B	KM testing performed by both Forensic Biologist and DNA analyst (doing benchwork). Differential extractions were determined by competent Forensic Biologist (not taking this test). NR=no results. No comparisons made. Test is for bench processing only.
QTKDXP	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
QW73FH	Item 3 is a mixture. No mtDNA sequence analysis was conducted.
RJUYNR	Item 2 was analyzed w/ YFP in direct mode.
RL4N3T	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) an elevated stutter peak(s) which is being reported to the vendor as an additional comment, but which has been modeled as stutter probabilistically during interpretation at the following locus: Item 3, D16S539 and 14 allele.



TABLE 8

WebCode	Additional Comments
RLA4RB	Extraction: -Item 1 and Item 2 were extracted using chelex extraction method. -Item 3 was extracted using differential extraction method and Item 4 was extracted using QIAAsymphony DNA Investigator kit via QIAAsymphony SP. Quantitation: -Item 1, 2, 3 and Item 4 were quantified using ABI Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: -Item 1, 2, 3 and 4 were amplified using Globalfiler Amplification kit on ABI GeneAmp PCR System 9700. -Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification kit on ABI GeneAmp PCR System 9700. Electrophoresis: -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-filer). Quality Control: -Reagent blank, Positive Control and Negative Control were carried out during analysis all gave intended results. NM: Non-male profile.
RLGT6T	Only Y-STR testing was being performed on this proficiency test. The cutting from item 4 was extracted and quantitated. Male DNA was not detected during quantitation; therefore, Y-STR amplification was not performed on item 4; rather, a more intimate item (item 3, stain from victim's underwear) in which male DNA was detected was selected for testing. Similarly, Y-STR amplification was not performed on the known sample from the female victim. An additional type ("12" at DYS439) was observed in the epithelial fraction of item 3A. It was conservatively reported in accordance with lab policy, but no conclusions can be reached with regard to this additional type. The "12" may be an artifact such as elevated stutter. The additional type does not interfere with the interpretation of the predominant epithelial fraction profile.
RNUDG2	Extraction: -Item 1 and Item 2 were extracted using chelex extraction method. -Item 3 was extracted using differential chelex extraction method and Item 4 was extracted using QIAAsymphony DNA Investigator kit via QIAAsymphony SP. Quantitation: -Item 1, 2, 3 and Item 4 were quantified using ABI Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: -Item 1, 2, 3 and 4 were amplified using Globalfiler Amplification kit on ABI GeneAmp PCR System 9700. -Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification kit on ABI GeneAmp PCR System 9700. Electrophoresis: -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-filer). Quality Control: -Reagent blank, Positive Control and Negative Control were carried out during analysis all gave intended results. NM: Non-male profile
RYBCDC	Notes: NR = no result. Item #4-1: inconclusive for AP = unable to discern color change due to presence of BLS. Items #1 and #4 not extracted or analyzed
T2FLKY	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.
T6ZRJG	reporting results with stutter filters on
TA34TQ	Mixture was detected in sample ITEM 3, so mtDNA was not analyzed.
TA9U7P	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain an elevated stutter peak which is 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: Item 2, allele 7 at TH01.
TFYMJX	reporting with stutter filters on
UDPWR9	Reporting results with stutter filters on.
UKN7WT	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.
URGVD8	NR= no result

TABLE 8

WebCode	Additional Comments
UU9FJ2	Only tested Y-STRs. Competent Forensic Biologist performed Y-screening procedure. DNA Analyst analyzed results.
UUWYPG	Reporting results with stutter filters on.
V2UJEB	MiniFiler DNA results obtained for items 3 and 4 are concordant with the Identifiler Plus DNA results obtained for each of these items. No further interpretation has been carried out in relation to the MiniFiler DNA results. The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 3. The results listed in the CTS report reflect DNA profiles with stutter filters on.
V3RWTG	Reporting STRmix results with stutter filters on. Carryover from Item 3 sperm fraction into Item 3 epi fraction.
VK69R9	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 3. The results lists in the CTS report reflect DNA profiles with stutter filters on.
VWHY4A	NR = No Results. For Item 4, a male quant was detected and a partial Y-DNA profile was obtained. Item 4 was re-sampled and the re-sample had no male DNA detected. A QC investigation was performed to determine whether the male component in this sample was due to contamination. No evidence of laboratory contamination was detected. The autosomal results for the two samples taken from Item 4 are the same. As varying Y-DNA results were obtained, the autosomal and Y-profile detected in the first sample will be reported.
WBQTAY	Per policy, this proficiency test covers Yfiler Plus testing only. Only samples with male DNA were tested. (Items #2 and #3). All screening tests were performed by a qualified Forensic Biologist. The DNA analyst reviewed and interpreted the male screen results.
WF6JN7	Yfiler Plus results not used for interpretation
WNYPG8	Results concordant with Identifiler Plus were obtained from MiniFiler results. MiniFiler results were not used in the interpretation. The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 3e. The results listed in the CTS report reflect DNA profiles with stutter filters on.
WPZGQ2	NR means No results
WRUJ24	Globalfiler, Yfiler, and LCNy were performed on Item 3. Results are concordant at all overlapping loci. Globalfiler and Yfiler were performed on Items 1 and 2. Results are concordant at all overlapping loci. NR = No Result
WV9ULD	Carryover from sperm cell fraction observed in epithelial cell fraction of Item 3.
XBG328	Sperm fraction of Item 4 had no male DNA detected. Therefore, I stopped at quantitation.
XJ3C73	NR = no result. No comparisons made. Test is for bench processing only.
XMJT4E	Screening tests not conducted as not currently qualified. Differentials conducted on unknowns based on case scenario. Since serology was not conducted, differentials were processed on both items 3 and 4 per Technical Leader discussion. Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3f2: 1sU_UU, Item 4f1 and item 4f2: 1s_U. NID = No Interpretable Data

TABLE 8

WebCode	Additional Comments
XPNW2P	Extraction: Item 1, Item 2 and Item 4 were extracted using Automate Express Forensic DNA Extraction System with PrepFiler Express Kit method while Item 3 was extracted using Chelex differential extraction method. Quantification: DNA quantitation for Item 1, Item 2, Item 3 and Item 4 were carried out using the Quantifiler Human DNA Quantification kit with Applied Biosystem QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on Genetic Analyzer 3500xl for Item 1, Item 2, Item 3 and Item 4 (GlobalFiler). Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3500xl for Item 2 and Item 3. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. Abbreviation: NM: Non-male Profile
XT2QLK	NR= No results
XTA762	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.
XV7K47	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
XWB8A6	NR= no result
XWNUMD	Epi fraction from item 3 was interpreted as a mixed DNA profile consistent with coming from 2 individuals
XXKMUD	No DNA analysis performed, only body fluid screening results will be reported
XZPPMF	Y-STRs only were conducted
XZTAC6	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.
Y22ZXH	For items 1, 2 and 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on. Statistical support for inclusions and exclusions were performed using STRmix Likelihood ratios with the following proposition settings, Item 1.3ST1 EF: (Item 1) + 1 unk/ 2 unk, Item 1.3ST1 EF: (Item 2) + 1 unk/ 2 unk.
Y3UHRL	reporting results with stutter filters on
YC42VW	NR = No Results. Item 2 was amplified using the Yfiler Plus direct amplification protocol
YEP3FB	For item 3 - ALS was negative but overall result was semen positive.
YWG8ED	NR = no results
YZNCGY	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
Z2K46J	For item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
ZCNLB2	NR = No results
ZEYZZZ	Item 3 F1 fraction @ D1S1656: single base pair resolution issue observed, allele 16 has dropped out
ZF3UCH	NR = no results
ZKRZGG	Stutter filters on
ZY6DQ2	Extraction: -Item 1 and Item 2 were extracted using chelex method. -Item 3 was extracted using chelex differential extraction method and Item 4 was extracted using QIAAsymphony DNA Investigator kit via QIAAsymphony SP. Quantitation: -Item 1, 2, 3 and Item 4 were quantified using ABI Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: -Item 1, 2, 3 and 4 were amplified using Globalfiler Amplification kit on 9700 GeneAmp PCR system. -Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification kit on 9700 GeneAmp PCR system. Electrophoresis: -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-filer). Quality Control: -Reagent blank, Positive Control and Negative Control were carried out during analysis all gave intended results. NM: Non-male allele.

**-End of Report-**  
**(Appendix may follow)**

Collaborative Testing Services ~ Forensic Testing Program

**Test No. 23-5704: Forensic Biology**

DATA MUST BE SUBMITTED BY **Sept. 05, 2023, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: W4QN4Z

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

**Scenario:**

Police are investigating a sexual assault involving a female victim and male suspect. The victim reports that the suspect attended her birthday party. Sometime during the event, the suspect forced the victim to have vaginal sex in her bed. The suspect told police that he did not attend the party and did not assault the victim. Police are submitting a stain from the underwear the victim was wearing during the assault (Item 3) and a stain from the fitted sheet of the victim's bed (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

**Items Submitted (Sample Pack B4):**

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

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

Item 4: Questioned stain from victim's fitted bed sheet (blue)

### Part I: SCREENING TESTS

**Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.**

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

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

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

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

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

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

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

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

**Part II: DNA Results for Known Item 1**

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

**STR Amplification Kit(s) Used:**

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

Identifiler® 
 GlobalFiler™ 
 Investigator® 24plex 
  
 PowerPlex® 
 Other

Report the Probabilistic Genotyping Software Used (if applicable):

*Alleles below are sorted in Default order.*

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











## Part II (continued): DNA Analysis - Mitochondrial DNA

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

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