



Forensic Biology Test No. 21-5701 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 635 participants and are compiled into the following tables:

Report Contents:	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>5</u>
<u>Key to Screening Results</u>	<u>6</u>
<u>Table 1: Serology Screening Results</u>	<u>7</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>40</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>392</u>
<u>Table 4: Additional DNA Results</u>	<u>444</u>
<u>Table 5: Mitochondrial DNA Results, HVRI</u>	<u>445</u>
<u>Table 6: Mitochondrial DNA Results, HVRII</u>	<u>450</u>
<u>Table 7: DNA Interpretations</u>	<u>455</u>
<u>Table 8: Additional Comments</u>	<u>469</u>
<u>Appendix: Data Sheet</u>	

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

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

Manufacturer's Information

Each sample pack consisted of two known bloodstains on white fabric (Items 1 & 2), and two questioned stains; one on clean, yellow fabric (Item 3) and one on clean, blue fabric (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains on Items 1, 2, 3, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Items 1 (50 μ l) and 3 (50 μ l) were created using blood collected from the same female donor. Item 2 (50 μ l) was created using blood collected from a male donor. Item 4 (50 μ l) was created using a 1:1 mixture of blood from the female donor found in Item 1 and blood from the male donor found in Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 4, 2021 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	14,17.3	19,20	11,14	14,15	12,13	*
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	NM	NM	NM	NM	
2	13,14	19,25	10,11	15,16	10,11	*
	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19	2	
3	14,17.3	19,20	11,14	14,15	12,13	*
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	NM	NM	NM	NM	
4	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	*
	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19	2	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	13	18	19	24	23	10	13
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	13	18	19	24	23	10	13

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

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	49-368	16024-16387
2	56-368	16024-16387
3	62-367	16024-16387

Deviations HVR-II, HVR-I

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

	73.0	152.0	263.0	315.1	16124.0	16153.0	16223.0	16291.0
ITEM 1	G	C	G	^C INS	C	A	T	T

	152.0	174.0	263.0	315.1
ITEM 2	C	T	G	^C INS

	73.0	152.0	263.0	315.1	16124.0	16153.0	16223.0	16291.0
ITEM 3	G	C	G	^C INS	C	A	T	T

Summary Comments

The 21-5701 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 3 were created using blood from the same female donor. Item 2 was created using blood collected from a male donor. Item 4 was created using a 1:1 mixture of blood from the female donor found in Item 1 and blood from the male donor found in Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 635 participants.

Screening Test Results:

Screening results were returned by a total of 606 participants. However, not all of these participants returned screening results for all fluids (blood, semen, saliva) for both questioned items, which explains the large differences in the tallies discussed below.

For Item 3, all 600 participants that returned results reported "Positive" for the presence of blood. All 189 participants that returned results for semen reported "Negative." For the presence of saliva, all 97 participants that returned results reported "Negative." Of the 98 participants that returned results for Human Origin, all reported "Positive." All 38 participants returning results for Y-Screening reported "Negative."

For Item 4, all 599 participants that returned results reported "Positive" for the presence of blood. All 187 participants that returned results for semen reported "Negative." For the presence of saliva, all 93 participants that returned results reported "Negative." Of the 97 participants that returned results for Human Origin, all reported "Positive." All 38 participants returning results for Y-Screening reported "Positive."

DNA Analysis Results:

Of the 622 participants that returned results, 604 reported DNA interpretations. Two participants did not respond, four stated that the samples were only analyzed for database purposes, and six selected the "No Interpretations" option individually for all Interpretation questions.

For the Item 3 stain, all participants that reported interpretations included the victim (Item 1) and excluded the suspect (Item 2) as a possible contributor.

For the Item 4 stain, all but three participants that reported interpretations included the victim (Item 1) and the suspect (Item 2) as possible contributors. These three participants were inconclusive as to whether the victim or the suspect was a contributor to the stain.

A tri-allele (trisomy) was reported at the TPOX locus in Known Item 1 and all other items where this donor was used, including Questioned Items 3 and 4. All participants that reported results for this locus found the tri-allele. Many participants mentioned that this locus was omitted from statistical calculations.

A total of 219 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. Ten participants reported additional alleles at one or more loci, three of which mentioned in their additional comments that stutter may be included in the DNA results.

Thirteen additional participants reported allelic responses that differed from the consensus/predistribution results for one or more items. The breakdown of inconsistencies is as follows: four reported additional alleles, five were missing alleles, three reported allelic results that differed from the consensus, and one reported a combination of inconsistency types. Based on the interpretations above, these inconsistencies did not appear to affect these participants' conclusions.

Key for Screening Tests Used

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

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

Serology Screening Results

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

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
24X9ZA	Pos HemDirect	Pos HemDirect
27H6LE	Pos KM, HemaTrace	Pos KM, HemaTrace
27HAWG	Pos pth, HemaTrace, IR	Pos pth
28A7JQ	Pos KM	Pos KM
28ABWD	Pos KM, TMB	Pos KM, TMB
28BZ3W	Pos KM	Pos KM
29MVNN	Pos KM, HemaTrace	Pos KM, HemaTrace
29NW82	Pos KM	Pos KM
2BB8NU	Pos KM	Pos KM
2BPX9X	Pos KM, HemaTrace	Pos KM, HemaTrace
2D2D4K	Pos KM	Pos KM
2HCEBA	Pos KM	Pos KM
2JKV2R	Pos KM	Pos KM
2LX944	Pos Phenolphthalein	Pos Phenolphthalein
2M8DJD	Pos PTMB	Pos PTMB
2MMRT9	Pos KM	Pos KM
2NHE6C	Pos PTMB	Pos PTMB
2Q6Y7A	Pos KM	Pos KM
2Q7Q6G	Pos LMG	Pos LMG
2QPG6P	Pos KM	Pos KM
2RYLKY	Pos PTMB	Pos PTMB
2U7Y9R	Pos KM	Pos KM
327LWK	Pos KM	Pos KM
37ZD73	Pos Phenolphthalein	Pos Phenolphthalein
3CKV2Q	Pos LMG	Pos LMG
3DFE7C	Pos KM, HemaTrace	Pos KM, HemaTrace
3E366W	Pos KM	Pos KM
3E8DJB	Pos PTMB	Pos PTMB
3E8E3N	Pos KM	Pos KM
3EULRU	Pos KM	Pos KM
3FYDGL	Pos Hemastix	Pos Hemastix
3GR9X3	Pos TMB	Pos TMB
3J4YAT	Pos KM, O-tol, HemaTrace, RSID Blood	Pos KM, HemaTrace, RSID Blood
3JYLLW	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3KU6PJ	Pos KM	Pos KM
3MHGNN	Pos KM	Pos KM
3MYWFB	Pos KM TEST	Pos KM TEST
3ND8QW	Pos Bluestar Obti test	Pos Bluestar Obti test
3NXVXJ	Pos LMG	Pos LMG
3PMEQ4	Pos TMB, HemDirect	Pos TMB, HemDirect
3QLC8R	Pos KM	Pos KM
3RDC63	Pos TMB, HemDirect	Pos TMB, HemDirect
3UKTHZ	Pos KM	Pos KM
3ULM4R	Pos KM	Pos KM
3WAY3W	Pos KM, HemaTrace	Pos KM, HemaTrace
3WNG4H	Pos TMB, HemaTrace	Pos TMB, HemaTrace
3XJ4EZ	Pos KM	Pos KM
3YBZ3U	Pos KM	Pos KM
439YWJ	Pos KM, HemaTrace	Pos KM, HemaTrace
43TKMN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
46DNX8	Pos KM	Pos KM
46GBEK	Pos KM, HemaTrace	Pos KM, HemaTrace
479CCW	Pos PTMB	Pos PTMB
47WBWP	Pos LMG	Pos LMG
482AK3	Pos TMB, HemDirect	Pos TMB, HemDirect
48MGCF	Pos KM	Pos KM
4ATWNR	Pos KM	Pos KM
4B392M	Pos KM, HemaTrace	Pos KM, HemaTrace
4B7J77	Pos KM	Pos KM
4ENQJ8	Pos LMG	Pos LMG
4FJEXW	Pos PTMB	Pos PTMB
4GCC64	Pos TMB, HemDirect	Pos TMB, HemDirect
4GRQFY	Pos KM	Pos KM
4HM9EE	Pos HemaTrace	Pos HemaTrace
4V8TV2	Pos TMB	Pos TMB
4WKB3D	Pos KM	Pos KM
64NHGG	Pos PTMB	Pos PTMB
64ZEML	Pos KM	Pos KM
677L4T	Pos KM	Pos KM
67NQLQ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
69UFLE	Pos KM	Pos KM
6DP3JA	Pos PTMB	Pos PTMB
6G987K	Pos KM	Pos KM
6JWH6Q	Pos KM, RSID-Blood	Pos KM, RSID-Blood
6M8TVZ	Pos HemDirect, TMB	Pos HemDirect, TMB
6MC4ZJ	Pos KM, HemaTrace	Pos KM, HemaTrace
6NM7LH	Pos KM, HemaTrace	Pos KM, HemaTrace
6PE7JT	Pos PTMB	Pos PTMB
6PZFYN	Pos LMG	Pos LMG
6QWXTD	Pos BLUESTAR (Luminol)	Pos BLUESTAR (Luminol)
6TZN2D	Pos HemaTrace	Pos HemaTrace
6URPZA	Pos KM	Pos KM
6UTKNM	Pos KM	Pos KM
6UUE8T	Pos KM	Pos KM
6V3QM9	Pos	Pos
6VAP97	Pos KM, HemaTrace	Pos KM, HemaTrace
6VLF64	Pos TMB, HemDirect	Pos TMB, HemDirect
6ZLGEY	Pos KM	Pos KM
72U4C4	Pos KM, HemDirect	Pos KM, HemDirect
73M6AE	Pos LMG	Pos LMG
74FX8J	Pos KM, HemaTrace	Pos KM, HemaTrace
7669VQ	Pos FOB - cassette test for determination of faecal occult Blood by NADAL - specific test for Human Blood	Pos FOB - cassette test for determination of faecal occult Blood by NADAL - specific test for Human Blood
768Y4U	Pos PTMB	Pos PTMB
76P64J	Pos KM	Pos KM
76UF84	Pos HemDirect	Pos HemDirect
798AZU	Pos PTMB	Pos PTMB
79DG9G	Pos KM, HemaTrace	Pos KM, HemaTrace
7AKPH2	Pos KM, HemaTrace	Pos KM, HemaTrace
7CDQFC	Pos LMG	Pos LMG
7HFWUF	Pos KM	Pos KM
7JBHLL	Pos ALS, KM	Pos ALS, KM
7K3HJW	Pos KM	Pos KM
7KJGWU	Pos KM	Pos KM
7KL7ZQ	Pos KM	Pos KM
7KNUJQ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
7QRVNQ	Pos KM	Pos KM
7VPC2K	Pos KM	Pos KM
82MB3U	Pos TMB, HemDirect	Pos TMB, HemDirect
867KWR	Pos PTMB	Pos PTMB
88T3EC	Pos LMG	Pos LMG
8CJE8N	Pos LMG, Ouchterlony (anti-HgHb)	Pos LMG, Ouchterlony (anti-HgHb)
8DZQPT	Pos PTMB	Pos PTMB
8FM98D	Pos KM	Pos KM
8JP7FK	Pos KM	Pos KM
8LQEHA	Pos KM	Pos KM
8RGLAV	Pos Phenolphthalein	Pos Phenolphthalein
8RW34N	Pos KM	Pos KM
8VFZQT	Pos KM, HemaTrace	Pos KM, HemaTrace
8Y3G9E	Pos KM	Pos KM
8ZE8J4	Pos KM	Pos KM
93XQWL	Pos KM	Pos KM
96L749	Pos KM	Pos KM
9AUMEH	Pos KM	Pos KM
9AYXJ2	Pos KM	Pos KM
9BMGCL	Pos ALS, KM, HemaTrace	Pos ALS, KM, HemaTrace
9EBRBR	Pos PTMB	Pos PTMB
9J7KNV	Pos PHTH	Pos PHTH
9MHKM8	Pos KM, HemaTrace	Pos KM, HemaTrace
9MHPXA	Pos PTH	Pos PTH, HemaTrace
9NAQW7	Pos O-tol, HemDirect	Pos O-tol, HemDirect
9NWWG7	Pos KM	Pos KM
9Q3CXA	Pos LMG	Pos LMG
9RAWFH	Pos KM	Pos KM
9RE8K2	Pos KM	Pos KM
9U3PDM	Pos TMB, Takayama	Pos TMB, Takayama
9VVEZN	Pos KM	Pos KM
9VWEX4	Pos LMG	Pos LMG
9WQ2CR	Pos PTMB	Pos PTMB
A3NHVW	Pos TMB, HemDirect	Pos TMB, HemDirect
A3RTZF	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
A4MFDJ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
A6F6ZL	Pos KM, RSID-Blood	Pos KM, O-tol, HemaTrace
A7BRCP	Pos PTMB	Pos PTMB
A7QBWM	Pos KM	Pos KM
A7R4UV	Pos Phenolphthalein	Pos Phenolphthalein
A87BFC	Pos KM	Pos KM
A9G9R9	Pos KM	Pos KM
AABYWM	Pos KM	Pos KM
ABJBBH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ABNLE2	Pos KM	Pos KM
AENW6A	Pos KM	Pos KM
AJF7CM	Pos O-tol, Phth, red-brown	Pos O-tol, Phth, red-brown
AL7CTD	Pos KM	Pos KM
AL832G	Pos KM	Pos KM
AVC69Y	Pos KM	Pos KM
AW44MX	Pos KM, TMB (Combur)	Pos KM, TMB (Combur)
AWJGXN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
AYV6J9	Pos LMG	Pos LMG
B3DJT2	Pos KM	Pos KM
B46KQC	Pos LMG	Pos LMG
B4GL7J	Pos KM	Pos KM
B6WKQ9	Pos KM	Pos KM
B77TVL	Pos KM	Pos KM
B9VYBC	Pos	Pos
BFA33C	Pos KM, HemaTrace	Pos KM, HemaTrace
BGMJ9X	Pos TMB, HemDirect	Pos TMB, HemDirect
BH24YM	Pos PTMB	Pos PTMB
BHZ8VJ	Pos KM	Pos KM
BLLND4	Pos PTMB	Pos PTMB
BLZDCA	Pos PTMB, HemDirect	Pos PTMB, HemDirect
BLZHMC	Pos KM, LMG, RSID	Pos KM, LMG, RSID
BMACKX	Pos TMB, HemDirect	Pos TMB, HemDirect
BMEPAE	Pos KM	Pos KM
BPGP4K	Pos KM, RSID	Pos KM, RSID
BQXY4D	Pos KM, HemaTrace	Pos KM, HemaTrace
BRPYZN	Pos PTMB	Pos PTMB
BTKH6B	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BUBGH9	Pos LMG, ABA HemaTrace	Pos LMG, ABA HemaTrace
BVQ3RB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BXEERF	Pos KM	Pos KM
BYKWPC	Pos KM	Pos KM
C688DF	Pos Hemastix	Pos Hemastix
C6MB6L	Pos LMG, HemaTrace	Pos LMG, HemaTrace
C8RZ8U	Pos TMB, HemDirect	Pos TMB, HemDirect
C9BTDY	Pos KM	Pos KM
CA3TBA	Pos KM	Pos KM
CCLXWL	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
CDGFXM	Pos KM	Pos KM
CDMQWE	Pos KM	Pos KM
CEDWBJ	Pos KM, Hematrace	Pos KM, Hematrace
CEWTP6	Pos KM	Pos KM
CEXM9B	Pos KM, HemaTrace	Pos KM, HemaTrace
CJC2D6	Pos KM, HemaTrace	Pos KM, HemaTrace
CJC7M8	Pos pth, HemaTrace	Pos pth
CK47M3	Pos KM, TMB	Pos KM, TMB
CK7WTL	Pos KM	Pos KM
CM6CZN	Pos KM	Pos KM
CPXZMP	Pos KM, HemaTrace	Pos KM, HemaTrace
CQ8A9V	Pos TMB, HemDirect	Pos TMB, HemDirect
CU7JKH	Pos KM, HT	Pos KM, HT
CV8EBF	Pos KM, HemaTrace	Pos KM, HemaTrace
CVLXUD	Pos KM, HemaTrace	Pos KM, HemaTrace
D23TB8	Pos PTMB, HemDirect	Pos PTMB, HemDirect
D26NUD	Pos TMB, HemaTrace	Pos TMB, HemaTrace
D3WNRN	Pos KM	Pos KM
D4TZRX	Pos LMG	Pos LMG
D4VM9C	Pos KM, HemaTrace	Pos KM, HemaTrace
D66JV2	Pos KM	Pos KM
D6NM7M	Pos PTMB	Pos PTMB
D8A6N8	Pos KM	Pos KM
D8U2V2	Pos PTMB	Pos PTMB
DADZ6P	Pos KM	Pos KM
DAHDU8	Pos TMB, HemaTrace	Pos TMB, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DC6Z6L	Pos KM	Pos KM
DEE42H	Pos KM	Pos KM
DETC4R	Pos TMB	Pos TMB
DKFK8H	Pos KM	Pos KM
DQ2F3U	Pos TMB, HemDirect	Pos TMB, HemDirect
DQ7RRC	Pos KM	Pos KM
DRL6HU	Pos TMB	Pos TMB
DZBTDW	Pos KM	Pos KM
E3C8CL	Pos PTMB	Pos PTMB
E88283	Pos KM	Pos KM
E963GZ	Pos PTMB	Pos PTMB
EAW4EB	Pos KM	Pos KM
EDA728	Pos LMG, HemaTrace	Pos LMG, HemaTrace
EGUZVL	Pos KM	Pos KM
EH7RTA	Pos Hemastix	Pos Hemastix
EMK9M8	Pos LMG, HemaTrace	Pos LMG HemaTrace
EMZMW3	Pos KM	Pos KM
ENTHE6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ETRYPD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
F2F64W	Pos PTMB	Pos PTMB
F36K6R	Pos TMB, HemDirect	Pos TMB, HemDirect
F44G43	Pos KM	Pos KM
F6X88V	Pos LMG	Pos LMG
F78E84	Pos LMG, ABACard HemaTrace	Pos LMG, ABACard HemaTrace
F8NDP8	Pos LMG, HemaTrace	Pos LMG, HemaTrace
F9C2PE	Pos LMG	Pos LMG
F9Z2BT	Pos Comber (TMB), KM	Pos Comber (TMB), KM
FAQ9BV	Pos LMG	Pos LMG
FAR294	Pos LMG	Pos LMG
FB3966	Pos KM	Pos KM
FBMNJL	Pos KM, RSID(HemaTrace)	Pos KM, RSID(HemaTrace)
FBMTUN	Pos TMB	Pos TMB
FBZHW2	Pos KM	Pos KM
FDB6VF	Pos O-tol	Pos O-tol
FGTHDH	Pos KM	Pos KM
FH2E3R	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
FKPALE	Pos HemaTrace	Pos HemaTrace
FLP6BC	Pos TMB	Pos TMB
FRCR7H	Pos Seratec HemDirect	Pos Seratec HemDirect
FT6NUB	Pos KM	Pos KM
FVU8HU	Pos KM, HemaTrace	Pos KM, HemaTrace
FW2ERA	Pos KM	Pos KM
FY6C2H	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FY9RHN	Pos KM	Pos KM
G4LWPH	Pos PTMB	Pos PTMB
G6YC8Q	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
G7NPP9	Pos KM, HemaTrace	Pos KM, HemaTrace
G8EZEF	Pos KM	Pos KM
GCRV26	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
GHKVJ8	Pos KM, HemaTrace	Pos KM, HemaTrace
GK6PC2	Pos KM	Pos KM
GK8FK6	Pos KM	Pos KM
GKNMUT	Pos KM	Pos KM
GLJA7W	Pos PTMB	Pos PTMB
GN8L73	Pos LMG	Pos LMG
GNL8F4	Pos PTMB, HemDirect	Pos PTMB, HemDirect
GPK63T	Pos TMB, HemDirect	Pos TMB, HemDirect
GQCEVU	Pos LMG	Pos LMG
GQE2D9	Pos KM, HemaTrace	Pos KM, HemaTrace
GV8627	Pos KM, Takayama, HemaTrace	Pos KM, Takayama, HemaTrace
GWXCKG	Pos PTMB	Pos PTMB
GXR6V	Pos KM	Pos KM
GZ2Z4D	Pos LMG	Pos LMG
H3M4DW	Pos PTMB	Pos PTMB
H4ARLP	Pos TMB, HemDirect	Pos TMB, HemDirect
H4E6B8	Pos KM	Pos KM
H678Z9	Pos KM	Pos KM
H7KMFU	Pos PTMB	Pos PTMB
H8A3GP	Pos TMB, HemDirect	Pos TMB, HemDirect
H8EF78	Pos KM	Pos KM
HA9YEZ	Pos KM, Seratec HemDirect	Pos KM, Seratec HemDirect
HEC6NB	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HFR9FH	Pos KM, RSID	Pos KM, RSID
HGHNRY	Pos KM	Pos KM
HGZGMG	Pos PTMB	Pos PTMB
HHVZQ4	Pos KM	Pos KM
HM7D93	Pos KM	Pos KM
HNLCQ7	Pos KM, LMG, RSID	Pos KM, LMG, RSID
HNM3YA	Pos TMB	Pos TMB
HPF3VK	Pos KM	Pos KM
HPUP88	Pos KM	Pos KM
HQPCHQ	Pos TMB, Hemdirect	Pos TMB, Hemdirect
HZHHJ6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
J32UVE	Pos PTMB	Pos PTMB
J3DQ36	Pos Hemastix	Pos Hemastix
J49EDN	Pos TMB, HemDirect	Pos TMB, HemDirect
J6RV23	Pos LMG, HemaTrace	Pos LMG, HemaTrace
JEV7AD	Pos O-tol	Pos O-tol
JN2BZA	Pos KM	Pos KM
JQA2PD	Pos KM	Pos KM
JTBDZJ	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
JUM4EU	Pos PTMB	Pos PTMB
JUM7X8	Pos KM	Pos KM
JVE4B6	Pos	Pos
JVHQNC	Pos KM	Pos KM
JWAH34	Pos KM, HemaTrace	Pos KM, HemaTrace
JY3JZF	Pos PTMB	Pos PTMB
JYDHWA	Pos HStx, HTrace	Pos HStx, HTrace
K4PLMC	Pos KM	Pos KM
KC3J7P	Pos TMB, HemDirect	Pos TMB, HemDirect
KGT8P2	Pos LMG	Pos LMG
KK9NWK	Pos TMB, HemDirect	Pos TMB, HemDirect
KNXTUX	Pos KM	Pos KM
KPBKNZ	Pos KM	Pos KM
KQJP4A	Pos LMG	Pos LMG
KT97BW	Pos KM	Pos KM
KTAVKZ	Pos KM	Pos KM
KVX8J7	Pos O-tol	Pos O-tol

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KYFK4T	Pos PTMB	Pos PTMB
KYUYMW	Pos hemochromogen	Pos hemochromogen
L2ULJX	Pos LMG	Pos LMG
L2YY8T	Pos KM, HemaTrace	Pos KM, HemaTrace
L6HXJ3	Pos HSTX	Pos HSTX
L6M9ML	Pos TMB (Combur), KM	Pos TMB (combur), KM
L8J7KR	Pos KM	Pos KM
L8Q47P	Pos KM, HemaTrace	Pos KM, HemaTrace
LBHK7W	Pos KM	Pos KM
LBL27F	Pos KM	Pos KM
LCXLBJ	Pos TMB, HemDirect	Pos TMB, HemDirect
LE6VQV	Pos LMG, HT	Pos LMG
LGC9EP	Pos KM	Pos KM
LKUERQ	Pos LMG	Pos LMG
LKW394	Pos KM, HemaTrace	Pos KM, HemaTrace
LLMDXC	Pos KM	Pos KM
LLN37F	Pos PTMB	Pos PTMB
LNVD64	Pos KM, HemaTrace	Pos KM, HemaTrace
LTLVE9	Pos KM, HemaTrace	Pos KM, HemaTrace
LUXRJD	Pos KM, HemDirect card	Pos KM, HemDirect card
LYM9V4	Pos KM	Pos KM
LZJRVK	Pos TMB, HemDirect	Pos TMB, HemDirect
M2CZKF	Pos KM	Pos KM
M38HKV	Pos KM	Pos KM
M3PM3U	Pos KM	Pos KM
M8XQ8B	Pos KM	Pos KM
MA64V4	Pos KM	Pos KM
MAQRYK	Pos KM, HemaTrace	Pos KM, HemaTrace
MJQGN9	Pos KM, RSID-Blood	Pos KM, RSID-Blood
MKPGUZ	Pos Visual, LMG, ABA HemaTrace	Pos Visual, LMG, ABA HemaTrace
ML6P4N	Pos KM, HemaTrace	Pos KM, HemaTrace
MN66AQ	Pos PTMB	Pos PTMB
MPGLM4	Pos KM	Pos KM
MPHGBF	Pos KM	Pos KM
MPW682	Pos Hemastix	Pos Hemastix
MR8R29	Pos RSID	Pos RSID

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
MRAFK9	Pos HemaTrace, KM	Pos HemaTrace, KM
MXF442	Pos KM, HemaTrace	Pos KM, HemaTrace
MZ4F48	Pos LMG	Pos LMG
N276CT	Pos KM	Pos KM
N3M26T	Pos KM, HemaTrace	Pos KM, HemaTrace
N3NRDW	Pos KM	Pos KM
N69YE6	Pos KM	Pos KM
N8Y6VV	Pos LMG, HemaTrace	Pos LMG, HemaTrace
NCBX49	Pos KM	Pos KM
NCURQ4	Pos LMG	Pos LMG
NEG99P	Pos PTMB	Pos PTMB
NEU8X7	Pos TMB, Takayama	Pos TMB, Takayama
NEYJK3	Pos TMB, HemaTrace	Pos TMB, HemaTrace
NF9A7Z	Pos KM, LMG, RSID	Pos KM, LMG, RSID
NFT6EU	Pos KM	Pos KM
NGMVHM	Pos LMG	Pos LMG
NGMVJ9	Pos KM	Pos KM
NHER93	Pos Visual, KM	Pos Visual, KM
NMLPAU	Pos KM	Pos KM
NQRTHJ	Pos TMB, HemDirect	Pos TMB, HemDirect
NTDPRV	Pos KM	Pos KM
NTEKGT	Pos KM	Pos KM
NU7LE4	Pos KM	Pos KM
NUQ76A	Pos KM	Pos KM
NVNGZC	Pos KM	Pos KM
NWHFZW	Pos LMG	Pos LMG
NXAAXZ	Pos KM, HemaTrace	Pos KM, HemaTrace
NYZJM9	Pos Tetrabasebariumperoxide	Pos Tetrabasebariumperoxide
NZYLX7	Pos KM	Pos KM
P23TFP	Pos PTMB	Pos PTMB
P3FCBF	Pos TMB	Pos TMB
P3YFP8	Pos KM	Pos KM
P4VTCZ	Pos O-tol	Pos O-tol
P67F9T	Pos TMB, KM	Pos TMB, KM
P7KXAD	Pos TMB, HemaTrace	Pos TMB, HemaTrace
P7YJL2	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
P936MF	Pos TMB	Pos TMB
P9PGFL	Pos KM, HemeDirect	Pos KM, HemeDirect
PA3ZCD	Pos KM, HemaTrace	Pos KM, HemaTrace
PBTAAK	Pos KM	Pos KM
PD2DZ3	Pos KM	Pos KM
PGF9FZ	Pos KM	Pos KM
PL8K9B	Pos TMB, HemDirect	Pos TMB, HemDirect
PLEDHK	Pos KM	Pos KM
PM8DFV	Pos LMG	Pos LMG
PNZ8CZ	Pos KM, HemaTrace	Pos KM, HemaTrace
PPAAYY	Pos KM, HemaTrace	Pos KM, HemaTrace
PPBBHB	Pos KM, HemaTrace	Pos KM, HemaTrace
PPPH28	Pos KM	Pos KM
PPR8AB	Pos PTMB	Pos PTMB
PTD8AQ	Pos PTMB	Pos PTMB
PTT42Q	Pos KM, HemaTrace	Pos KM, HemaTrace
PUNRFF	Pos KM	Pos KM
PVHMUB	Pos TMB, HemDirect	Pos TMB, HemDirect
PWCH6Q	Pos PTMB	Pos PTMB
PWTNGA	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
PYZU4W	Pos LMG	Pos LMG
Q2E2TH	Pos TMB, HemDirect	Pos TMB, HemDirect
Q48NW8	Pos O-tol, HemDirect	Pos O-tol, HemDirect
Q79VT6	Pos KM	Pos KM
Q7WUCX	Pos KM	Pos KM
Q88VYW	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
QE99YY	Pos KM	Pos KM
QEMJQC	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
QEP79Q	Pos KM	Pos KM
QFZ9WB	Pos KM, HemaTrace	Pos KM, HemaTrace
QGDVEP	Pos KM, HemaTrace	Pos KM, HemaTrace
QGZ8DX	Pos KM, HemaTrace	Pos KM, HemaTrace
QH3E8A	Pos KM	Pos KM
QH62NN	Pos ABACard HemaTrace	NT
QJ28DU	Pos PTMB	Pos PTMB
QJMQEV	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
QLQQ7F	Pos TMB	Pos TMB
QMMYH7	Pos KM, Hexagon OBTI	Pos KM, Hexagon OBTI
QTP9KR	Pos KM, HemaTrace	Pos KM, HemaTrace
QYGBW4	Pos KM	Pos KM
QZ6R6Q	Pos KM	Pos KM
QZCU2Q	Pos KM	Pos KM
R2G2GN	Pos LMG, HT	Pos LMG, HT
R2ZMDL	Pos PTMB	Pos PTMB
R3AYKP	Pos TMB, OBTI	Pos TMB, OBTI
R46DFU	Pos KM	Pos KM
R83UTN	Pos KM, HemaTrace	Pos KM, HemaTrace
R8NG37	Pos LMG	Pos LMG
R9UY3M	NT	Pos Hema-Trace
RCFNKE	Pos TMB	Pos TMB
RCV86C	Pos TMB	Pos TMB
RD7XF2	Pos KM	Pos KM
REHJ73	Pos LMG	Pos LMG
REMU92	Pos LMG	Pos LMG
RFVDNN	Pos PHTH, HemaTrace	Pos PHTH, HemaTrace
RGDZNR	Pos LMG	Pos LMG
RGTBNK	Pos Phenol / KM	Pos Phenol / KM
RJKBKV	Pos KM	Pos KM
RJWBHP	Pos KM	Pos KM
RL4E88	Pos LMG; HemaTrace	Pos LMG; HemaTrace
RMKMGV	Pos KM	Pos KM
RRB7CX	Pos KM	Pos KM
RT32Y7	Pos Hemophan, FOB	Pos Hemophan, FOB
RVC6V4	Pos KM	Pos KM
RVWNW4	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
RYD7VZ	Pos LMG	Pos LMG
RZ2QFB	Pos KM	Pos KM
RZ746T	Pos KM	Pos KM
T2WPA4	Pos KM	Pos KM
T3NP8E	Pos TMB, HemDirect	Pos TMB, HemDirect
T6VWL	Pos PTMB	Pos PTMB
T8J8VR	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
TA8QV4	Pos KM	Pos KM
TALAF2	Pos KM, HemaTrace	Pos KM, HemaTrace
TBEBCC	Pos TMB	Pos TMB
TCE73A	Pos KM	Pos KM
TCVFB	Pos Phenolphthalein	Pos Phenolphthalein
TDP4FR	Pos LMG	Pos LMG
TEDL9C	Pos TMB	Pos TMB
TEHWDV	Pos KM	Pos KM
TG79C2	Pos KM	Pos KM
TGR2QK	Pos PTMB	Pos PTMB
TJUPJN	Pos KM, HemaTrace	Pos KM, HemaTrace
TKL3NR	Pos TMB, OBTI	Pos TMB, OBTI
TNL8JL	Pos PTMB	Pos PTMB
TQV2FL	Pos KM	Pos KM
TT4CEA	Pos KM	Pos KM
TTJHRE	Pos TMB, HemDirect	Pos TMB, HemDirect
TUAWX4	Pos KM	Pos KM
TUBNVC	Pos KM	Pos KM
TV6HQU	Pos O-tol	Pos O-tol
TWX9WA	Pos KM	Pos KM
UAKW8Y	Pos KM	Pos KM
UBELU2	Pos O-tol, RSID-Blood	Pos KM, HemaTrace
UCPAA8	Pos TMB, HemDirect	Pos TMB, HemDirect
UCRYD4	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
UF4A4D	Pos TMB, HemDirect	Pos TMB, HemDirect
UF8MUU	Pos Hemastix	Pos Hemastix
UFCXD	Pos Combur (TMB), KM	Pos Combur (TM), KM
UJ9QM3	Pos KM	Pos KM
ULZPZ	Pos KM	Pos KM
UMBRNY	Pos KM	Pos KM
UMU96M	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UPZTTM	Pos KM	Pos KM
URP6TT	Pos LMG	Pos LMG
UU89E6	Pos KM	Pos KM
UYHLW4	Pos LMG, HemaTrace	Pos LMG, HemaTrace
V2AVRQ	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
V3XDKB	Pos TMB	Pos TMB
V4UMX2	Pos KM	Pos KM
V7YHEJ	Pos KM	Pos KM
V8RBA2	Pos KM	Pos KM
V9LYQC	Pos TMB, HemDirect	Pos TMB, HemDirect
VBDX6A	Pos TMB, HemDirect	Pos TMB, HemDirect
VD3CGR	Pos LMG	Pos LMG
VDJBUN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
VFLF43	Pos BlueStar OBTI	Pos BlueStar OBTI
VFPVKA	Pos KM	Pos KM
VHF3ZZ	Pos TMB, Takayama	Pos TMB, Takayama
VKH6KA	Pos TMB	Pos TMB
VKHZA8	Pos KM	Pos KM
VKLFNU	Pos KM, HemaTrace	Pos KM, HemaTrace
VTPWVQ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
VTV7RW	Pos LMG	Pos LMG
VWAQP6	Pos KM	Pos KM
VXAKWQ	Pos PTMB	Pos PTMB
VXKJTK	Pos KM, HemaTrace	Pos KM, HemaTrace
VXKN4M	Pos pth, ABACard HemaTrace	Pos pth
VYEEA2	Pos KM	Pos KM
VYF88A	Pos Phenolphthalein	Pos Phenolphthalein
VZ9Z3T	Pos KM, LMG, RSID Blood	Pos KM, LMG, RSID Blood
VZCP3J	Pos KM, TMB	Pos KM, TMB
VZQWNZ	Pos KM, RSID-Blood	Pos KM, RSID-Blood
VZVB22	Pos KM, HemaTrace	Pos KM, HemaTrace
W2MUEL	Pos KM, HemaTrace	Pos KM, HemaTrace
W6WC99	Pos TMB	Pos TMB
W9HPFQ	Pos ALS, KM, Takayama	Pos ALS, KM, Takayama
W9Y69Y	Pos KM	Pos KM
WBMG96	Pos KM, HemaTrace	Pos KM, HemaTrace
WDWK3F	Pos PTMB	Pos PTMB
WENKZQ	Pos O-tol	Pos O-tol
WJ4TNQ	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
WNBQW	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
WNYMLR	Pos O-tol	Pos O-tol

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
WP3JN8	Pos TMB, Hemdirect	Pos TMB, Hemdirect
WREEAY	Pos KM	Pos KM
WT3VJ8	Pos TMB, HemDirect	Pos TMB, HemDirect
WU3Q96	Pos KM, HemaTrace	Pos KM, HemaTrace
WWUHMW	Pos LMG	Pos LMG
WZNJMP	Pos TMB	Pos TMB
X2JGGH	Pos KM, HemaTrace	Pos KM, HemaTrace
X4P36H	Pos KM, HemaTrace	Pos KM, HemaTrace
X6DKX3	Pos KM	Pos KM
X6G8EG	Pos HemaTrace-ABAcad	NT
X7DE4N	Pos PTMB	Pos PTMB
X83WW9	Pos KM	Pos KM
X87EWT	Pos KM	Pos KM
XCC646	Pos KM	Pos KM
XCXN66	Pos O-tol, Seratec Hemdirect	Pos O-tol, Seratec Hemdirect
XFGQXW	Pos LMG	Pos LMG
XG786J	Pos KM	Pos KM
XH49FG	Pos PTMB	Pos PTMB
XKQVMB	Pos TMB, HemDirect	Pos TMB, HemDirect
XKV9DT	Pos O-tol	Pos O-tol
XL3JCG	Pos PTMB	Pos PTMB, HemaTrace
XMEH7Q	Pos KM	Pos KM
XN7J42	Pos PTMB	Pos PTMB
XPRVBM	Pos KM	Pos KM
XR66ZE	Pos PTMB	Pos PTMB
XT6XQQ	Pos KM	Pos KM
XTKW9V	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XXJDKP	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XXWZYX	Pos KM, HemaTrace	Pos KM, OT, RSID-Blood
XZNYDV	Pos LMG	Pos LMG
Y2A67Q	Pos Kastle Meyer	Pos Kastle Meyer
Y2DQJY	Pos KM	Pos KM
Y2UPWW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
Y37RFA	Pos TMB, HemDirect	Pos TMB, HemDirect
Y9BJRT	Pos PTMB	Pos PTMB
YANT6Y	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YJAAEL	Pos LMG	Pos LMG
YLLP9L	Pos LMG	Pos LMG
YMTCFY	Pos PTMB	Pos PTMB
YQC924	Pos KM	Pos KM
YTZK2A	Pos TMB, HemDirect	Pos TMB, HemDirect
YUBPEX	Pos KM	Pos KM
YUDCXW	Pos KM	Pos KM
YV6DV9	Pos TMB, HemDirect	Pos TMB, HemDirect
YVMABE	Pos PTMB	Pos PTMB
YW4BCV	Pos KM	Pos KM
YXWCA7	Pos TMB, HemDirect	Pos TMB, HemDirect
YY7DV6	Pos TMB, HemDirect	Pos TMB, HemDirect
YY89K3	Pos KM, HemaTrace	Pos KM, HemaTrace
YYBLAK	Pos LMG	Pos LMG
YYK3XH	Pos PHTH, HemaTrace	Pos PHTH, HemaTrace
Z2NVQV	Pos KM, RSID-Blood	Pos KM, RSID-Blood
Z7Y99U	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZA3WXH	Pos KM, HemDirect	Pos KM, HemDirect
ZBUYE6	Pos TMB	Pos TMB
ZBVN4W	Pos KM	Pos KM
ZFPP4P	Pos O-tol, HemaTrace	Pos O-tol
ZFU2QL	Pos KM	Pos KM
ZKKFA2	Pos KM, HemaTrace	Pos KM, HemaTrace
ZM8XRL	Pos LMG and HemaTrace	Pos LMG and HemaTrace
ZM9WKU	Pos LMG; HemaTrace	Pos LMG; HemaTrace
ZQRRL2	Pos KM	Pos KM
ZWHF6D	Pos PTMB	Pos PTMB
ZYZJQP	Pos KM	Pos KM

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

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

Summary below includes all participants who performed any screening including those excluded from the table above.

	Item 3	Item 4
Positive	600	599
Negative	0	0
Inconclusive	0	0
Not Tested (NT)	6	7
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
24X9ZA	Neg PSA	Neg PSA
27HAWG	Neg ALS, AP	Neg ALS, AP, Micro, PSA
28A7JQ	Neg AP, Micro	Neg AP, Micro
28BZ3W	Neg ALS, AP	Neg ALS, AP
2Q6Y7A	Neg AP, Micro, PSA	Neg AP, Micro, PSA
2U7Y9R	Neg AP, p30 ABACard	Neg AP, p30 ABACard
3ND8QW	Neg PSA-CHECK-1 test	Neg PSA-CHECK-1 test
3QLC8R	Neg ALS, AP	Neg ALS, AP
3ULM4R	Neg ALS, AP	Neg ALS, AP
439YWJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
43TKMN	Neg ALS, AP	Neg ALS, AP
46GBEK	Neg AP, Micro, PSA	Neg AP, Micro, PSA
48MGCF	Neg AP, Micro, p30	Neg AP, Micro, p30
4B392M	Neg AP only, no further testing	Neg AP only, no further testing
4FJEXW	Neg AP	Neg AP
4HM9EE	Neg PSA	Neg PSA
4WKB3D	Neg AP	Neg AP
64ZEML	Neg ALS, AP, Micro	Neg ALS, AP, Micro
6MC4ZJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
6NM7LH	Neg AP, Micro, PSA	Neg AP, Micro, PSA
6PZFYN	Neg AP	Neg AP
6QWXTD	Neg AP	Neg AP
6UTKNM	Neg AP	Neg AP
6UUE8T	Neg ALS, AP	Neg ALS, AP
6ZLGEY	Neg BCIP	Neg BCIP
72U4C4	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
76UF84	Neg PSA	Neg PSA
79DG9G	Neg AP, Micro, PSA	Neg AP, Micro, PSA
7QRVNV	Neg AP, Micro, PSA	Neg AP, Micro, PSA
7VPC2K	Neg BCIP	Neg BCIP
8CJE8N	Neg AP, PSA, Micro	Neg AP, PSA, Micro
8LQEHA	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
8RW34N	Neg ALS, AP, Micro	Neg ALS, AP, Micro
96L749	Neg AP, Micro	Neg AP, Micro
9AUMEH	Neg AP, Micro	Neg AP, Micro
9J7KNV	Neg ALS, BCIP	Neg ALS, BCIP
9MHPXA	Neg ALS, AP, Micro, PSA	Neg ALS, AP
9NAQW7	Neg AP, PSA, Microscopy	Neg AP, PSA, Microscopy
9U3PDM	Neg PSA, Micro	Neg PSA, Micro
9VVEZN	Neg ALS, AP, Micro	Neg ALS, AP, Micro
A3RTZF	Neg ALS, AP	Neg ALS, AP
A4MFDJ	Neg ALS, AP	Neg ALS, AP
A7QBWM	Neg ALS, AP	Neg ALS, AP
A7R4UV	Neg BCIP	Neg BCIP
A9G9R9	Neg AP	Neg AP
AABYWM	Neg AP, Micro, PSA	Neg AP, Micro, PSA
ABJBBH	Neg Brentamine, ALS	Neg Brentamine, ALS
AENW6A	Neg AP	Neg AP
AJF7CM	Neg AP, ALS	Neg AP, ALS
AL832G	Neg ALS, AP, Micro	Neg ALS, AP, Micro
AW44MX	Neg AP, PSA	Neg AP, PSA
B3DJT2	Neg ALS, BCIP, Micro	Neg ALS, BCIP, Micro
B6WKQ9	Neg ALS, AP, Micro	Neg ALS, AP, Micro
B77TVL	Neg AP, Micro	Neg AP, Micro
BFA33C	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BLZHMC	Neg AP, Micro, PSA	Neg AP, Micro, PSA
BMEPAE	NT Scenario does not indicate testing is required per laboratory protocol	NT Scenario does not indicate testing is required per laboratory protocol
BQXY4D	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BVQ3RB	Neg AP, Micro, PSA	Neg AP, Micro, PSA
BYKWPC	Neg AP	Neg AP
CEDWBJ	Neg AP	Neg AP
CEXM9B	Neg AP, PSA, Micro	Neg AP, PSA, Micro
CJC7M8	NT	Neg AP, PSA, Micro, ALS
CK7WTL	Neg ALS, AP	Neg ALS, AP
CPXZMP	Neg AP, PSA, Micro	Neg AP, PSA, Micro
D26NUD	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
D4TZRX	Neg AP	Neg AP
DAHDU8	Neg AP	Neg AP
E88283	Neg ALS, AP	Neg ALS, AP
E963GZ	Neg AP	Neg AP
EDA728	Neg AP, Micro, PSA	Neg AP, Micro, PSA
EMK9M8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
EMZMW3	Neg AP, ALS	Neg AP, ALS
ETRYPD	Neg AP, ALS	Neg AP, ALS
F44G43	Neg AP	Neg AP
F6X88V	Neg AP	Neg AP
F9Z2BT	Neg AP, PSA	Neg AP, PSA
FAQ9BV	Neg AP	Neg AP
FBMNJL	Neg AP	Neg AP
FGTHDH	Neg ALS, AP	Neg ALS, AP
FLP6BC	Neg ALS, AP	Neg ALS, AP
FT6NUB	Neg ALS, AP, Micro	Neg ALS, AP, Micro
G6YC8Q	Neg AP, PSA	Neg AP, PSA
GHKVJ8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
GQCEVU	Neg AP	Neg AP
GV8627	Neg AP	Neg AP
GZ2Z4D	Neg AP	Neg AP
HEC6NB	Neg ALS, AP	Neg ALS, AP
HFR9FH	Neg ALS, AP	Neg ALS, AP
HNLCQ7	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
HNM3YA	Neg AP	Neg AP
J6RV23	Neg AP, Micro, PSA	Neg AP, Micro, PSA
JEV7AD	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
JN2BZA	Neg AP, PSA, Micro	Neg AP, PSA, Micro
JWAH34	Neg AP, PSA, Micro	Neg AP, PSA, Micro
K4PLMC	Neg AP	Neg AP
KNXTUX	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
KVX8J7	Neg AP	Neg AP
L6M9ML	Neg AP, PSA	Neg AP, PSA
LTLVE9	Neg AP, PSA	Neg AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LUXRJD	Neg AP, Micro, PSA card	Neg AP, Micro, PSA card
M8XQ8B	Neg ALS, AP	Neg ALS, AP
MA64V4	Neg ALS, AP, Micro	Neg ALS, AP, Micro
MRAFK9	Neg AP, PSA	Neg AP, PSA
MXF442	Neg AP, PSA, Micro	Neg AP, PSA, Micro
N276CT	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
N3M26T	Neg ALS, AP	Neg ALS, AP
N69YE6	Neg AP, Micro, ABACard p30	Neg AP, Micro, ABACard p30
NCURQ4	Neg ALS, AP, Micro	Neg ALS, AP, Micro
NEU8X7	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
NEYJK3	Neg AP	Neg AP
NF9A7Z	Neg AP, PSA, Micro	Neg AP, PSA, Micro
NGMVHM	Neg AP	Neg AP
NGMVJ9	Neg AP, Micro	Neg AP, Micro
NMLPAU	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
NTEKGT	Neg ALS, AP	Neg ALS, AP
NWHFZW	Neg AP	Neg AP
NYZJM9	Neg AP	Neg AP
P3YFP8	Neg AP Spot, PSA, Micro	Neg AP Spot
P4VTCZ	Neg AP	NT
P67F9T	Neg ALS, AP	Neg ALS, AP
P7KXAD	Neg AP	Neg AP
P7YJL2	Neg ALS, AP, Micro	Neg ALS, AP, Micro
P9PGFL	Neg PSA, Micro	Neg PSA, Micro
PBTAAK	Neg ALS, AP	Neg ALS, AP
PM8DFV	Neg AP	Neg AP
PPAAYY	Neg AP, PSA, Micro	Neg AP, PSA, Micro
PTT42Q	Neg AP	Neg AP
PUNRFF	Neg BCIP	Neg BCIP
Q48NW8	Neg AP	Neg AP
Q79VT6	Neg ALS, AP, p30, Micro	Neg ALS, AP, p30, Micro
QE99YY	Neg AP	Neg AP
QEP79Q	Neg ALS, AP	Neg ALS, AP
QFZ9WB	Neg PSA	Neg PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
QGZ8DX	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QJMQEV	Neg AP, Micro	Neg AP, Micro
QTP9KR	Neg Micro, PSA	Neg Micro, PSA
QZ6R6Q	Neg ALS, AP	Neg ALS, AP
RFVDNN	Neg BCIP	Neg BCIP
RGDZNR	Neg ALS, AP	Neg ALS, AP
RT32Y7	Neg AP, RSID Semen	Neg AP, RSID Semen
RVWNW4	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
RYD7VZ	Neg AP	Neg AP
RZ2QFB	Neg AP	Neg AP
T8J8VR	Neg AP	Neg AP
TALAF2	Neg AP	Neg AP
TCVFB	Neg BCIP	Neg BCIP
TDP4FR	Neg Brentamine	Neg Brentamine
TEHWDV	Neg AP	Neg AP
TG79C2	Neg AP	Neg AP
TKL3NR	Neg PSA	Neg PSA
TT4CEA	Neg BCIP	Neg BCIP
TUAWX4	Neg ALS, AP	Neg ALS, AP
TV6HQU	Neg AP	Neg AP
UAKW8Y	Neg ALS, AP	Neg ALS, AP
UFCXXD	Neg PSA, AP	Neg PSA, AP
UJ9QM3	Neg AP / Micro	Neg AP / Micro
URP6TT	Neg AP	Neg AP
V4UMX2	Neg ALS, AP, p30, Micro	NT
VD3CGR	Neg AP	Neg AP
VHF3ZZ	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
VTPWVQ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
VXKN4M	Neg ALS, AP	Neg ALS, AP, Micro, PSA
VYEEA2	Neg AP, ALS	Neg AP, ALS
VYF88A	Neg BCIP	Neg BCIP
VZ9Z3T	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
VZVB22	Neg AP, Micro, PSA	Neg AP, Micro, PSA
W2MUJEL	Neg Micro, PSA	Neg Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
WBMG96	Neg p30	Neg p30
WENKZQ	Neg AP	Neg AP
WNYMLR	Neg AP	Neg AP
WU3Q96	Neg AP	Neg AP
X83WW9	Neg PSA	Neg PSA
XCXN66	Neg AP, Seratec PSA, Micro	Neg AP, Seratec PSA, Micro
XG786J	Neg ALS, AP	Neg ALS, AP
XKV9DT	Neg AP	Neg AP
XL3JCG	Neg AP	Neg AP
XMEH7Q	Neg AP	Neg AP
XPRVBM	Neg AP	Neg AP
XTKW9V	Neg ALS, AP	Neg ALS, AP
Y2DQJY	Neg ALS, AP	Neg ALS, AP
YANT6Y	Neg ALS, AP	Neg ALS, AP
YJAAEL	Neg AP	Neg AP
YLLP9L	Neg AP	Neg AP
YW4BCV	Neg ALS, AP	Neg ALS, AP
Z7Y99U	Neg AP	Neg AP
ZBVN4W	Neg AP, Micro	Neg AP, Micro
ZFPP4P	Neg AP, PSA	
ZKKFA2	Neg AP	Neg AP
ZM8XRL	Neg AP, Micro, and PSA	Neg AP, Micro, and PSA
ZM9WKU	Neg AP; Micro; PSA	Neg AP; Micro; PSA

Table 1b: Serology Screening Response Summary - Semen		Participants: 606	
Table above excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
Summary below includes all participants who performed any screening including those excluded from the table above.			
	Item 3	Item 4	
Positive	0	0	
Negative	189	187	
Inconclusive	0	0	
Not Tested (NT)	409	410	
Not Reported	8	9	

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
27HAWG	Neg SALIgAE	NT
2Q6Y7A	Neg Phadebas	Neg Phadebas
3ND8QW	Neg RSID-Saliva	Neg RSID-Saliva
439YWJ	Neg Phadebas	Neg Phadebas
46GBEK	Neg Phadebas	Neg Phadebas
48MGCF	Neg Phadebas	Neg Phadebas
4HM9EE	Neg RSID	Neg RSID
4WKB3D	Neg Phadebas	Neg Phadebas
64ZEML	Neg Phadebas	Neg Phadebas
6MC4ZJ	Neg Phadebas	Neg Phadebas
6NM7LH	Neg Phadebas	Neg Phadebas
6QWXTD	Neg Phadebas	Neg Phadebas
79DG9G	Neg Phadebas	Neg Phadebas
7QRVNQ	Neg Amylase RADIAL Diffusion	Neg Amylase RADIAL Diffusion
8LQEHA	Neg ALS, Phadebas	Neg ALS, Phadebas
8RW34N	Neg RSID-Saliva	Neg RSID-Saliva
96L749	Neg Phadebas	Neg Phadebas
9MHPXA	NT	Neg SALIgAE
9NAQW7	Neg Amylase Diffusion	Neg Amylase Diffusion
9WEZN	Neg RSID	Neg RSID
A9G9R9	Neg Phadebas	Neg Phadebas
AABYWM	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
AENW6A	Neg Phadebas	Neg Phadebas
AL832G	Neg Phadebas	Neg Phadebas
AW44MX	Neg Phadebas	Neg Phadebas
B6WKQ9	Neg Phadebas	Neg Phadebas
B77TVL	Neg RSID	Neg RSID
BFA33C	Neg Phadebas	Neg Phadebas
BLZHMC	Neg RSID	Neg RSID
BMEPAE	NT Scenario does not indicate testing is required per laboratory protocol	NT Scenario does not indicate testing is required per laboratory protocol
BQXY4D	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
BVQ3RB	Neg Amylase	Neg Amylase
CEXM9B	Neg Phadebas	Neg Phadebas
CJC7M8	Neg SALgAE	NT
CPXZMP	Neg RSID	Neg RSID
D26NUD	Neg Amylase Diffusion	Neg Amylase Diffusion
D4TZRX	Neg RSID	Neg RSID
DAHDU8	Neg RSID	Neg RSID
EDA728	Neg Amylase	Neg Amylase
EMK9M8	Neg Amylase	Neg Amylase
F44G43	Neg Phadebas	Neg Phadebas
F6X88V	Neg RSID-Amylase	Neg RSID-Amylase
F9Z2BT	Neg Phadebas	Neg Phadebas
FAQ9BV	Neg RSID	Neg RSID
FBMNJL	Neg RSID	NT
FT6NUB	Neg ALS, Phadebas	Neg ALS, Phadebas
G6YC8Q	Neg Phadebas	Neg Phadebas
GHKVJ8	Neg Phadebas	Neg Phadebas
GQCEVU	Neg RSID	Neg RSID
HNLCQ7	Neg RSID	Neg RSID
J6RV23	Neg Amylase	Neg Amylase
JEV7AD	Neg RSID	Neg RSID
JN2BZA	Neg Radial Diffusion	Neg Radial Diffusion
JTBDZJ	Neg RSID-Saliva	Neg RSID-Saliva
JWAH34	Neg Phadebas	Neg Phadebas
KNXTUX	Neg ALS, Phadebas	Neg ALS, Phadebas
L6M9ML	Neg Phadebas	Neg Phadebas
LTLVE9	Neg RSID-Saliva	Neg RSID-Saliva
LUXRJD	Neg RSID Saliva card	Neg RSID Saliva card
MA64V4	Neg Phadebas	Neg Phadebas
MRAFK9	Neg RSID Saliva	Neg RSID Saliva
MXF442	Neg Phadebas	Neg Phadebas
N276CT	Neg ALS, Phadebas	Neg ALS, Phadebas
N3M26T	Neg ALS, Phadebas	Neg ALS, Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
N69YE6	Neg Radial Diffusion	Neg Radial Diffusion
NF9A7Z	Neg RSID	Neg RSID
NGMVHM	Neg RSID-Saliva	Neg RSID-Saliva
NGMVJ9	Neg RSID Saliva	Neg RSID Saliva
NMLPAU	Neg ALS, Phadebas	Neg ALS, Phadebas
NYZJM9	Neg Phadebas	Neg Phadebas
P3YFP8	Neg Radial Diffusion	Neg Radial Diffusion
P67F9T	Neg ALS	Neg ALS
P7KXAD	Neg RSID	Neg RSID
P7YJL2	Neg ALS, Phadebas	Neg ALS, Phadebas
PPAAYY	Neg Phadebas	Neg Phadebas
PWTNGA	Neg RSID-Saliva	Neg RSID-Saliva
Q79VT6	Neg SALIgAE	Neg SALIgAE
QFZ9WB	Neg RSID	Neg RSID
QGZ8DX	Neg Phadebas	Neg Phadebas
QTP9KR	Neg RSID	Neg RSID
RT32Y7	Neg RSID Saliva	Neg RSID Saliva
T8J8VR	Neg Phadebas	Neg Phadebas
TALAF2	Neg RSID	Neg RSID
UFCXXD	Neg Phadebas	Neg Phadebas
UJ9QM3	Neg RSID	Neg RSID
V4UMX2	Neg Radial Diffusion	NT
VTPWVQ	Neg Amylase	Neg Amylase
VXKN4M	Neg SALIgAE	NT
VZ9Z3T	Neg RSID Saliva	Neg RSID Saliva
VZVB22	Neg Radial Diffusion	Neg Radial Diffusion
W2MUJEL	Neg RSID	Neg RSID
WBMG96	Neg RSID	Neg RSID
WU3Q96	Neg RSID	Neg RSID
X83WW9	Neg Phadebas	Neg Phadebas
XCXN66	Neg Seratec Amylase	Neg Seratec Amylase
XPRVBM	Neg Phadebas	Neg Phadebas
ZBVN4W	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
ZM8XRL	Neg Amylase	Neg Amylase
ZM9WКУ	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion

Table 1c: Serology Screening Response Summary - Saliva			Participants: 606
Table above excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4. Summary below includes all participants who performed any screening including those excluded from the table above.			
	Item 3	Item 4	
Positive	0	0	
Negative	97	93	
Inconclusive	0	0	
Not Tested (NT)	493	497	
Not Reported	16	16	

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
24X9ZA	Pos HemDirect	Pos HemDirect
29NW82	Pos PowerQuant	Pos PowerQuant
2M8DJD	Pos HemaTrace	Pos HemaTrace
2NHE6C	Pos HemaTrace	Pos HemaTrace
2Q6Y7A	Pos Quantifiler Trio	Pos Quantifiler Trio
3E8DJB	Pos HemaTrace	Pos HemaTrace
3ND8QW	Pos	Pos
3UKTHZ	Pos PowerQuant	Pos PowerQuant
3WNG4H	Pos Quant	Pos Quant
43TKMN	Pos HemaTrace, Ouchterlony	Pos HemaTrace, Ouchterlony
47WBWP	Pos RSID	Pos RSID
4HM9EE	Pos HemaTrace	Pos HemaTrace
64NHGG	Pos HemaTrace	Pos HemaTrace
64ZEML	Pos Quantifiler Trio	Pos Quantifiler Trio
6DP3JA	Pos HemaTrace	Pos HemaTrace
6QWXTD	Pos HEXAGON OBTI TEST	Pos HEXAGON OBTI TEST
6VAP97	Pos PowerQuant	Pos PowerQuant
72U4C4	Pos HemDirect	Pos HemDirect
76UF84	Pos HemDirect	Pos HemDirect
7JBHLL	Pos HemaTrace	Pos HemaTrace
8CJE8N	Pos Ouchterlony (anti-HgHb)	Pos Ouchterlony (anti-HgHb)
96L749	Pos Quantiplex HYRes	Pos Quantiplex HYRes
9NAQW7	Pos Quantifiler, HemDirect	Pos Quantifiler, HemDirect
9U3PDM	Pos RSID-Blood	Pos RSID-Blood
ABJBBH	Pos Ouchterlony, HemaTrace	Pos Ouchterlony, HemaTrace
AL832G	Pos Quant Trio	Pos Quant Trio
BLLND4	Pos HemaTrace	Pos HemaTrace
BMEPAE	NT Scenario does not indicate testing is required per laboratory protocol	NT Scenario does not indicate testing is required per laboratory protocol
BYKWPC	Pos HemaTrace	Pos HemaTrace
CV8EBF	Pos see additional comments [Table 8]	Pos see additional comments [Table 8]
CVLXUD	Pos HemaTrace	Pos HemaTrace
D26NUD	Pos HemaTrace	Pos HemaTrace
D3WNRN	Pos PowerQuant	Pos PowerQuant
D8U2V2	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
DAHDU8	Pos Quant	Pos Quant
E963GZ	Pos HemaTrace	Pos HemaTrace
EMZMW3	Pos HT (HemaTrace)	Pos HT (HemaTrace)
ETRYPD	Pos HemaTrace, Ouchterlony	Pos HemaTrace, Ouchterlony
F2F64W	Pos HemaTrace	Pos HemaTrace
F9C2PE	Pos RSID-Blood	Pos RSID-Blood
FT6NUB	Pos Quantifiler Trio	Pos Quantifiler Trio
FVU8HU	Pos PowerQuant	Pos PowerQuant
GLJA7W	Pos HemaTrace	Pos HemaTrace
GV8627	Pos HemaTrace	Pos HemaTrace
GZ2Z4D	Pos RSID-Blood	Pos RSID-Blood
H3M4DW	Pos HemaTrace	Pos HemaTrace
H7KMFU	Pos HemaTrace	Pos HemaTrace
HPF3VK	Pos PowerQuant	Pos PowerQuant
JUM4EU	Pos HemaTrace	Pos HemaTrace
KQJP4A	Pos RSID	Pos RSID
KYFK4T	Pos HemaTrace	Pos HemaTrace
L2ULJX	Pos HemaTrace	Pos HemaTrace
L8Q47P	Pos PowerQuant	Pos PowerQuant
M3PM3U	Pos HemaTrace ABACard	Pos HemaTrace ABACard
MA64V4	Pos Quant Trio	Pos Quant Trio
ML6P4N	Pos PowerQuant	Pos PowerQuant
MN66AQ	Pos HemaTrace	Pos HemaTrace
NEG99P	Pos HemaTrace	Pos HemaTrace
NEU8X7	Pos RSID	Pos RSID
NEYJK3	Pos HemaTrace	Pos HemaTrace
NHER93	Pos ABACard HemaTrace	Pos ABACard HemaTrace
P23TFP	Pos HemaTrace	Pos HemaTrace
P3YFP8	Pos HemaTrace / Quant Trio	Pos HemaTrace / Quant Trio
P67F9T	Pos HemaTrace	Pos HemaTrace
P7YJL2	Pos Quantifiler Trio	Pos Quantifiler Trio
P9PGFL	Pos HemeDirect	Pos HemeDirect
PTD8AQ	Pos HemaTrace	Pos HemaTrace
PWCH6Q	Pos HemaTrace	Pos HemaTrace
Q79VT6	Pos HemaTrace (Blood)	Pos HemaTrace (Blood)
QJ28DU	Pos HemaTrace	Pos HemaTrace
R2ZMDL	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
RGDZNR	Pos HemaTrace	Pos HemaTrace
RT32Y7	Pos Global Filer	Pos Global Filer
RVWNW4	Pos RSID	Pos RSID
T6VWL	Pos HemaTrace	Pos HemaTrace
TCE73A	Pos PowerQuant	Pos PowerQuant
TGR2QK	Pos HemaTrace	Pos HemaTrace
TKL3NR	Pos OBTI, PowerQuant	Pos OBTI, PowerQuant
TNL8JL	Pos HemaTrace	Pos HemaTrace
TWX9WA	Pos PowerQuant	Pos PowerQuant
V4UMX2	Pos HemaTrace	NT
VDJBUN	Pos HemaTrace	Pos HemaTrace
VFLF43	Pos qRT-PCR Quantifiler Trio	Pos qRT-PCR Quantifiler Trio
VHF3ZZ	Pos RSID	Pos RSID
VXAKWQ	Pos HemaTrace	Pos HemaTrace
W9HPFQ	Pos ABACard HemaTrace	Pos ABACard HemaTrace
WDWK3F	Pos HemaTrace	Pos HemaTrace
X7DE4N	Pos HemaTrace	Pos HemaTrace
X83WW9	Pos Hexagon	Pos Hexagon
XCC646	Pos PowerQuant	Pos PowerQuant
XCXN66	Pos Seratec Hemdirect	Pos Seratec Hemdirect
XFGQXW	Pos RSID-Blood	Pos RSID-Blood
XH49FG	Pos HemaTrace	Pos HemaTrace
XL3JCG	Pos HemaTrace	Pos HemaTrace
XR6ZE	Pos HemaTrace	Pos HemaTrace
XTKW9V	Pos Ouchterlony, HemaTrace	Pos Ouchterlony, HemaTrace
Y2UPWW	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
YVMABE	Pos HemaTrace	Pos HemaTrace
ZWHF6D	Pos HemaTrace	Pos HemaTrace

Table 1d: Serology Screening Response Summary - Human OriginParticipants: **606**

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

Summary below includes all participants who performed any screening including those excluded from the table above.

	Item 3	Item 4
Positive	98	97
Negative	0	0
Inconclusive	0	0
Not Tested (NT)	464	465
Not Reported	44	44

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
2HCEBA	Neg Quantifiler Duo	Pos Quantifiler Duo
2Q6Y7A	Neg Quantifiler Trio	Pos Quantifiler Trio
3J4YAT	Neg NaOH Y screen	Pos NaOH Y screen
3WNG4H	Neg Quant	Pos Quant
4ATWNR	Neg NaOH	Pos NaOH
6ALC9M	Neg Promega Plexor HY	Pos Promega Plexor HY
8CJE8N	Neg Quant Trio	Pos Quant Trio
93XQWL	Neg Quantifiler Duo	Pos Quantifiler Duo
96L749	Neg Quantiplex HYRes	Pos Quantiplex HYRes
9EPGCJ	Neg Plexor HY System	Pos Plexor HY System
9NZJXJ	Neg Plexor HY	Pos Plexor HY
9U3PDM	Neg QF Trio	Pos QF Trio
A6F6ZL	Neg NaOH Y-screen	Pos NaOH Y-screen
ABNLE2	Neg QuantifilerTrio	Pos QuantifilerTrio
BHZ8VJ	Neg Quantifiler DUO	Pos Quantifiler DUO
BMEPAE	NT Scenario does not indicate testing is required per laboratory protocol	NT Scenario does not indicate testing is required per laboratory protocol
DAHDU8	Neg Quant	Pos Quant
EACPND	Neg Plexor HY Kit System	Pos Plexor HY Kit System
K4PLMC	Neg Promega Casework Direct Kit	Pos Promega Casework Direct Kit
LKUERQ	Neg	Pos
NEU8X7	Neg	Pos
PBTAAK	Neg Quantifiler Duo	Pos Quantifiler Duo
QTP9KR	Neg Y-screening	Pos Y-screening
RGTBNK	Neg Quant Trio	Pos Quant Trio
RT32Y7	Neg Y Filer Plus	Pos Y Filer Plus
RVC6V4	Neg NaOH extraction	Pos NaOH extraction
RVWNW4	Neg Y-Screen	Pos Y-Screen
TEHWDV	Neg Promega's Casework Direct Kit	Pos Promega's Casework Direct Kit
TG79C2	Neg Quantifiler Duo	Pos Quantifiler Duo
TKL3NR	Neg PowerQuant	Pos PowerQuant
UBELU2	Neg NaOH Y Screen	Pos NaOH Y Screen
VFLF43	Neg qRT-PCR Quantifiler Trio	Pos qRT-PCR Quantifiler Trio
VHF3ZZ	Neg Y-screen with QF Trio	Pos Y-screen with QF Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
W2MUEL	Neg Y-screening	Pos Y-screening
WZ8PKU	Neg Promega Plexor HY	Pos Promega Plexor HY
XCC646	Neg Casework Direct	Pos Casework Direct
XMEH7Q	Neg Promega Casework Direct	Pos Promega Casework Direct
XXWZYX	Neg NaOH Y screen	Pos NaOH Yscreen
Y2UPWW	Neg Quant Trio	Pos Quant Trio

Table 1e: Serology Screening Response Summary - Y Screening			Participants: 606
Table above excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4. Summary below includes all participants who performed any screening including those excluded from the table above.			
	Item 3	Item 4	
Positive	0	38	
Negative	38	0	
Inconclusive	0	0	
Not Tested (NT)	512	512	
Not Reported	56	56	

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
9U3PDM	Neg ALS	Neg ALS
B3DJT2	Amylase Neg Amylase Diffusion	Amylase Neg Amylase Diffusion
KYUYMW	no hair found Neg Visual	no hair found Neg Visual
QEMJQC	Urine, Feces, Neg DMAC, Creatinine, Urobilinogen, and Vomit Micro, and Peptest	Urine, Feces, Neg DMAC, Creatinine, Urobilinogen, and Vomit Micro, and Peptest

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

24X9ZA	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
27H6LE	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
27HAWG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
28A7JQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
28ABWD	PowerPlex® 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16	NR	NR	NR		
28BZ3W	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

29MVNN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
29NW82	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
2BB8NU	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
2BPX9X	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2D2D4K	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2DYMVG	GlobalFiler™					
	14,17.3	19,(20)	11,14	14,15	12,13	-
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,(13)
	22,23	-	-	21.2,26.2	(8),(10)	(9),(10),(11)
	14,16	-	-	-	-	-
2HCEBA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

2JKV2R	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
2LX944	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2M8DJD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
2MMRT9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
2NHE6C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
2Q6Y7A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2Q7Q6G	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

2QPG6P	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2RYLKY	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
2U7Y9R	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
327LWK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
37ZD73	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3CKV2Q	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3DFE7C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

3DRZTT	Identifiler®					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
3E366W	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	-				
3E8DJB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
3E8E3N	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3EULRU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3FYDGL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3GR9X3	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

3J4YAT	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
3JYLLW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
3KU6PJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3MHGNN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3MYWFB	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
3ND8QW	NGM SElect and MiniFiler					
	14,17.3	19,20	11,14	14,15		
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	
	14,16					
3NXVXJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

3PMEQ4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
3QLC8R	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
3RDC63	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
3UKTHZ	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
3ULM4R	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
3WAY3W	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
3WNG4H	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

3XJ4EZ	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
3YBZ3U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
439YWJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
43TKMN	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
46DNX8	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	Neg.				
46GBEK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
479CCW	PowerPlex® Fusion 5c					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

47WBWP	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
482AK3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
48MGCF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
4ATWNR	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
4B392M	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	no result			no result	
4B7J77	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
4ENQJ8	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

4FJEXW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
4GCC64	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
4GRQFY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
4HM9EE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
4V8TV2	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
4WKB3D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
62CR7R	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

64NHGG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
677L4T	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
67NQLQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
69UFLE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6ALC9M	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6DP3JA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6G987K	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

6JWH6Q	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
6M8TVZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
6MC4ZJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6NM7LH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6PE7JT	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
6PZFYN	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
6QWXTD	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

6TZN2D	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
6URPZA	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
6UTKNM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6UUE8T	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
6V3QM9	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
6VAP97	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
6VLF64	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 1 - STR Results

6ZLGEY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
72U4C4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
74FX8J	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7669VQ	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
768Y4U	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
76P64J	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
76UF84	GlobalFiler™ (STRMIX)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

77FBGP	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				
798AZU	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
79DG9G	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7AKPH2	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
1	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
7CDQFC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7HFWUF	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7K3HJW	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

7KJGWU	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
7KLZQ	GlobalFiler™ PCR Amplification Kit (Gene Mapper ID-X 1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7KNUJQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7QRVNQ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
82MB3U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
867KWR	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
88T3EC	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

8CJE8N	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	NT
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	NT	NT	21.2,26.2	8,10	9,10,11
	14,16	NR	NT	NT	NR	
8DZQPT	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
8FM98D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8JP7FK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8LQEHA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8M4U34	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	
	14,16					
8RGLAV	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

8RW34N	GlobalFiler™ (Strmix 2.7)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8UNYTH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8VFZQT	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
8Y3G9E	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8ZE8J4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
93XQWL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
96L749	GlobalFiler™ (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

9AUMEH	GlobalFiler™ (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9AYXJ2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
9BMGCL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9EBRBR	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
9EPGCL	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9J7KNV	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9MHKM8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

9MHPXA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9NAQW7	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X	11,13
	22,23				8,10	9,10,11
	14,16					
9ND92W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9NWWG7	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
9NZJXJ	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9Q3CXA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9RAWFH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

9RE8K2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
9U3PDM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
9VVEZN	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9VWEX4	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	na				
9WQ2CR	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
A3NHWW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
A3RTZF	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR				

TABLE 2

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

Item 1 - STR Results

A4MFDJ	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
A6F6ZL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
A7BRCP	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
A7QBWM	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
A7R4UV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
A87BFC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
A9G9R9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

AABYWM	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ABJBBH	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ABNLE2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AENW6A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AJF7CM	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
AL7CTD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AVC69Y	PowerPlex® Fusion 6C Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

AW44MX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AWJGXN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
AYV6J9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
B3DJT2	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-				
B4GGWG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
B4GL7J	AmpFLSTR™ NGM SElect™					
	14,17.3	19,20	11,14	14,15		
1		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23			21.2,26.2	8,10	
	14,16					
B6WKQ9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

B77TVL	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
B9VYBC	Investigator® 24plex (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BFA33C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BGMJ9X	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
BH24YM	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
BHZ8VJ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BLLND4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

TABLE 2

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

Item 1 - STR Results

BLZDCA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BLZHMC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BMACKX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
BMEPAE	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
BPGP4K	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
BQXY4D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BRPYZN	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

BTKH6B	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BUBGH9	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
BVQ3RB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BXEERF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	no results			no results	
BYKWPC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
C688DF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
C6MB6L	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	NT
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	NT	NT	21.2,26.2	8,10	9,10,11
	14,16	NR	NT	NT	NR	

TABLE 2

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

Item 1 - STR Results

C8RZ8U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
C9BTDY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CA3TBA	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
CCLXWL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	no result			no result	
CCVPY4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
CDGFXM	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	INC				
CDMQWE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

CEDWBJ	PowerPlex® 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
CEWTP6	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
CEXM9B	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CJC2D6	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CJC7M8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CK47M3	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16	NR	NR	NR		
CK7WTL	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

CM6CZN	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
CPXZMP	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
CQ8A9V	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
CU7JKH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CVLXUD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
D23TB8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D26NUD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11*
	14,16					

TABLE 2

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

Item 1 - STR Results

D3WNRN	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
D4TZRX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D4VM9C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D66JV2	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
D6NM7M	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
D8A6N8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D8U2V2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

DADZ6P	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
DAHDU8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
DC6Z6L	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	INC				
DEE42H	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
DETC4R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
DKFK8H	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
DQ2F3U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	NA
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	NA	NA	21.2,26.2	8,10	9,10,11
	14,16	ND	NA	NA	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

DQ7RRC	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
DRL6HU	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
1	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
DZBTDW	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
E3C8CL	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
E88283	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
E963GZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
EACPND	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

EAW4EB	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
EDA728	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
EGUZVL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NM			NM	
EH7RTA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
EH7UHE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
EMK9M8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
EMZMW3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

ENTHE6	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
ETRYPD	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
F2F64W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
F2WBFF	Identifiler® (GeneMapper ID-X)					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X	11,13
	22,23				8,10	9,10,11
	14,16					
F36K6R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
F44G43	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
F6X88V	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

F78E84	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
F8MKPE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				
F8NDP8	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
F9C2PE	GlobalFiler™ (STRmix V2.5.11)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
F9VTWD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
F9Z2BT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FAQ9BV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

FAR294	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FB3966	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FBMNJL	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
FBMTUN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	NA
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	NA	NA	21.2,26.2	8,10	9,10,11
	14,16	ND	NA	NA	ND	
FBZHW2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FDB6VF	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
FGTHDH	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

FH2E3R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
FKPALE	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
FLP6BC	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
FRCR7H	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
FVU8HU	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
FW2ERA	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FY6C2H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

G4LWPH	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
G6YC8Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
G7NPP9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
G8EZEZ	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GCULA9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GHKVJ8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GK6PC2	NGM SElect					
	14,17.3	19,20	11,14	14,15		
1		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23			21.2,26.2	8,10	
	14,16					

TABLE 2

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

Item 1 - STR Results

GK8FK6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
GKNMUT	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
GLJA7W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
GN8L73	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GNL8F4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GPK63T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
GQCEVU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

GQE2D9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GV8627	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GWXCKG	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
GXR6V	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-				
GZ2Z4D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
H3M4DW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
H4ARLP	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 1 - STR Results

H4E6B8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
H678Z9	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
H7KMFU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
H8EF78	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
HA9YEZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HEC6NB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
HFR9FH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

HGHNRY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HGZGMG	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
HHVZQ4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HM7D93	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HNLCQ7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HNM3YA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HPF3VK	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

HPUP88	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
HQPCHQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
HZHHJ6	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
J32UVE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
J3DQ36	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
J49EDN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
J6RV23	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

JEV7AD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	ND	ND	ND		
JN2BZA	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
JQA2PD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JTBDZJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JUM4EU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JUM7X8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JVE4B6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

JVHQNC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JWAH34	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JY3JZF	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
JYDHWA	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
K4PLMC	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NID			NID	
KC3J7P	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
KGT8P2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

KK9NWK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
KPBKNZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KQJP4A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KT97BW	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KTAVKZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KVX8J7	Identifiler® Plus					
		19,20		14,15	12,13	
	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
KYFK4T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

KYUYMW	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
L2ULJX	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
L2YY8T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
L6HXJ3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
L6M9ML	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
L8J7KR	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
L8Q47P	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

LBHK7W	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
LBL27F	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
LCXLBJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
LE6VQV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LGC9EP	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
LKUERQ	Investigator® 24plex (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LKW394	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

LLMDXC	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LLN37F	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
LNVD64	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LTLVE9	PowerPlex® Fusion 6C (STRmix v2.6.1)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
LUXRJD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LYM9V4	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LZJRVK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	ND
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	ND	ND	21.2,26.2	8,10	9,10,11
	14,16	ND	ND	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

M2CZKF	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
M38HKV	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
M3PM3U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
M8XQ8B	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
MAQRYK	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
1	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
MJQGN9	PowerPlex® Fusion 5c					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
ML6P4N	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

MN66AQ	GlobalFiler™					
	[14,17.3]	19,20	11,14	14,15	12,13	
1	10,12	10,13	[13,15]	[16,19]	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
MPGLM4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
MPW682	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
MR8R29	Identifiler® Plus, NGM					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23				8,10	9,10,11
	14,16					
MRAFK9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
MXF442	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
MZ4F48	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

N276CT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
N3M26T	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
N3NRDW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
N69YE6	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
N8Y6VW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
NCBX49	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
NCURQ4	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

NEG99P	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
NEU8X7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	No Result			No Result	
NEYJK3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NF9A7Z	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NFT6EU	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
NGMVHM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NGMVJ9	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

NHCAZ7	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				
NQRTHJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
NTDPRV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NTEKGT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
NU7LE4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NUQ76A	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NVNGZC	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	-			-	

TABLE 2

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

Item 1 - STR Results

NWHFZW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NXAAXZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NYZJM9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	0	0	0		
NZYLX7	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
P23TFP	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
P3FCBF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
P3YFP8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

P4VTCZ	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
P67F9T	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
P7KXAD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
P936MF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
P9PGFL	GlobalFiler™ (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
PA3ZCD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
PBTAAK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

PD2DZ3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PGF9FZ	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
PL8K9B	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
PLEDHK	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
PM8DFV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PNZ8CZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PPAAYY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

PPBBHB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
PPPH28	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PPR8AB	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
PTD8AQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
PTT42Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PUNRFF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PVHMUB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 1 - STR Results

PWCH6Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
PWTNGA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PYZU4W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PZRZCA	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
1	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
Q2E2TH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
Q48NW8	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
Q79VT6	GlobalFiler™ (CODIS)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

Q7WUCX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
Q88VYW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
QEMJQC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QEP79Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
QFZ9WB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
QGDVEP	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QGZ8DX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

QH3E8A	GlobalFiler™					
1	14,17.3	19,20	11,14	14,15	12,13	-
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	NM	-	-	NM	
QH62NN	Investigator® 24plex QS					
1	14,17.3	19,20	11,14	14,15	12,13	n/a
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	n/a	n/a	21.2,26.2	8,10	9,10,11
	14,16	n/a	n/a	n/a	n/a	
QJ28DU	GlobalFiler™					
1	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QJMQEV	GlobalFiler™					
1	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QLQQ7F	PowerPlex® Fusion					
1	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
QMMYH7	PowerPlex® ESU 16 FAST					
1	14,17.3	19,20	11,14	14,15		
		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23				8,10	
	14,16					
QTP9KR	PowerPlex® Fusion 6C					
1	14,17.3	19,20	11,14	14,15	12,13	
	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

QYGBW4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
QZ6R6Q	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QZCU2Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
R2ZMDL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
R3AYKP	PowerPlex® Fusion5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
R46DFU	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
R83UTN	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

R8NG37	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
R9UY3M	Identifiler®, Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	N/A
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	N/A	N/A	21.2,26.2	8,10	9,10,11
	14,16	N/A	N/A	N/A	N/A	
RAUUPY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	none			none	
RCFNKE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
RCV86C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
RD7XF2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
REHJ73	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

REMU92	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RFVDNN	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
RGDZNR	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
RGTBNK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RJKBKV	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RJWBHP	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RL4E88	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

RMKMGV	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RRB7CX	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X Software v1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
RT32Y7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	neg.			neg.	
RVC6V4	GlobalFiler™ Express (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RVWNW4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RYD7VZ	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RZ2QFB	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

RZ746T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	No results			No results	
T2WPA4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
T3NP8E	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
T6VWL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
T8J8VR	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TA8QV4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TALAF2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

TB2RGL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TBEBCC	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
TBM66Y	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TCE73A	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
TCVFB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TDP4FR	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TEDL9C	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

TEHWDV	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	NID	NID	NID		
TG79C2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TGR2QK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
TJUPJN	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
TKL3NR	PowerPlex® ESIFast 16, in-house					
	14,17.3	19,20	11,14	14,15		
1		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X	
	22,23				8,10	
	14,16					
TNL8JL	GlobalFiler™					
	[14,17.3]	[19,20]	11,14	[14,15]	[12,13]	
1	[10,12]	10,13	[13,15]	[16,19]	8,11	[11,13]
	[17,18]	[12,14]	[30,33.2]	[11,14]	X,X	[11,13]
	22,[23]			[21.2,26.2]	[8,10]	[9,10,11]
	[14,16]					
TQV2FL	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

TT4CEA	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TTJHRE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
TUAWX4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
TUBNVC	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TV6HQU	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
TWX9WA	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
U7HYW7	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

UAKW8Y	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
UBELU2	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
UCPAA8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
UCRYD4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	No Result			No Result	
UF4A4D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
UF8MUU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
UFCXXD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

UJ9QM3	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ULX44Y	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ULZP2Z	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
UMBRNY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
UMN7AM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
UMU96M	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
UPZTTM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

URP6TT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
UU89E6	GlobalFiler™ (STRmix v. 2.4.06)					
	14,17.3	19,20	11,14	14,15	12,13	-
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	NR	-	-	NR	
UYHLW4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
V2AVRQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
V3XDKB	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
V4UMX2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
V7YHEJ	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

V8RBA2	GlobalFiler™ PCR Amplification kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
V9LYQC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
VBDX6A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
VD3CGR	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VDJBUN	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
VFLF43	PowerPlex® ESX17 and PPHS16					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
VFPVKA	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

VHF3ZZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
VKH6KA	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
VKHZA8	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
VKLFNU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VTPWVQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VTV7RW	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VWAQP6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	-
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	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

VXAKWQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VXKJTK	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VXKN4M	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VYEEA2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
VYF88A	GlobalFiler™ Direct					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VZ9Z3T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VZA3L6	PowerPlex® Fusion, 21, VERIFILER Express					
	14,17.3	19,20	11,14	14,15	12,13	11,23
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

VZCP3J	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				
VZQWNZ	PowerPlex® Fusion 5c					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
VZVB22	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
W2MUEL	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
W9HPFQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
W9Y69Y	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
WBMG96	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

WDWK3F	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
WENKZQ	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
WJ4TNQ	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
WNBQW	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
WNYMLR	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
WP3JN8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
WREEAY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

WT3VJ8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
WU3Q96	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
WWUHMW	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
WZ8PKU	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	--				
WZNJMP	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
X2JGGH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
X4P36H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

X6DKX3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NM			NM	
X6G8EG	Identifiler®, Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	n/a
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	n/a	n/a	21.2,26.2	8,10	9,10,11
	14,16	n/a	n/a	n/a	n/a	
X7DE4N	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
X83WW9	PowerPlex® ESI FAST (EuroForMix v3.0.3)					
	14,17.3	19,20	11,14	14,15		
1		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23				8,10	
	14,16					
X87EWT	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XCC646	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
XCXN66	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

XFGQXW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XG786J	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XH49FG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
XKQVMB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
XKV9DT	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
XL3JCG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XMEH7Q	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	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

XN7J42	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
XPRVBM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XR66ZE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
XT6XQQ	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
XTKW9V	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XXWZYX	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
XZNYDV	GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

Y2A67Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
Y2DQJY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
Y2UPWW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
Y37RFA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
Y9BJRT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YANT6Y	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
YJAAEL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

YLLP9L	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YMTCFY	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
YQC924	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
YTZK2A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
YUBPEX	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YUDCXW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YV6DV9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 1 - STR Results

YVMABE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
YW4BCV	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
YXWCA7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
YY7DV6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
YY89K3	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
YYBLAK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YYK3XH	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

Z2NVQV	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
Z7Y99U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ZA3WXH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZBUYE6	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
ZBVN4W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZDMJTQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZFPP4P	Identifiler® Plus					
		19,20		14,15	12,13	
1	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					

TABLE 2

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

Item 1 - STR Results

ZFU2QL	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZKKFA2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
ZM8XRL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZM9WKU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ZQRL2	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	INC				
ZWHF6D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZYZJQP	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
1	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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

24X9ZA	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
27H6LE	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
27HAWG	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
28A7JQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
28ABWD	PowerPlex® 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
28BZ3W	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
29MVNN	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

29NW82	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
2BB8NU	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
2BPX9X	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
2D2D4K	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
2DYMVG	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	-
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	-	-	26.2,31.2	7,8	9
	15,19	11	-	-	2	
2HCEBA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
2JKV2R	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

2LX944	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
2M8DJD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
2MMRT9	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
2NHE6C	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
2Q6Y7A	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
2Q7Q6G	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
2QPG6P	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

2RYLKY	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
2U7Y9R	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
327LWK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
37ZD73	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3CKV2Q	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3DFE7C	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3DRZTT	Identifiler®					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					

TABLE 2

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

Item 2 - STR Results

3E366W	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11			2	
3E8DJB	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
3E8E3N	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
3EULRU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
3FYDGL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3GR9X3	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
3J4YAT	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

3JYLLW	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
3KU6PJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
3MHGNN	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
3MYWFB	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
3ND8QW	NGM SElect and MiniFiler					
	13,14	19,25	10,11	15,16		
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	
	15,19					
3NXVXJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3PMEQ4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

3QLC8R	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
3RDC63	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3UKTHZ	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
3ULM4R	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
3WAY3W	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
3WNG4H	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
3XJ4EZ	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

3YBZ3U	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
439YWJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
43TKMN	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
46DNX8	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
46GBEK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
479CCW	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
47WBWP	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

482AK3	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
48MGCF	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
4ATWNR	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
4B392M	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
4B7J77	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
4ENQJ8	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
4FJEXW	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

4GCC64	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
4GRQFY	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
4HM9EE	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
4V8TV2	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
4WKB3D	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
62CR7R	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
64NHGG	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

677L4T	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
67NQLQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
69UFLE	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
6ALC9M	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
6DP3JA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
6G987K	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
6JWH6Q	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

6M8TVZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
6MC4ZJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
6NM7LH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
6PE7JT	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
6PZFYN	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
6QWXTD	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
6TZN2D	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

6URPZA	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
6UTKNM	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
6UUE8T	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
6V3QM9	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
6VAP97	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
6VLF64	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
6ZLGEY	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

72U4C4	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
74FX8J	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
7669VQ	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
768Y4U	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
76P64J	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
76UF84	GlobalFiler™ (STRMIX)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
77FBGP	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

798AZU	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
79DG9G	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
7AKPH2	PowerPlex® 21					
	13,14	19,25		15,16	10,11	12,12
2	8,9	13,14		17,18	8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19					
7CDQFC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
7HFWUF	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
7K3HJW	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
7KJGWU	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

7KL7ZQ	GlobalFiler™ PCR Amplification Kit (Gene Mapper ID-X 1.6)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
7KNUJQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
7QRVNQ	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
82MB3U	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
867KWR	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
88T3EC	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
8CJE8N	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	NT
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	NT	NT	26.2,31.2	7,8	9,9
	15,19	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 2 - STR Results

8DZQPT	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
8FM98D	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
8JP7FK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
8LQEHA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
8M4U34	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
8RGLAV	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
8RW34N	GlobalFiler™ (STRmix 2.7)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

8UNYTH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
8VFZQT	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
8Y3G9E	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
8ZE8J4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
93XQWL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
96L749	GlobalFiler™ (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
9AUMEH	GlobalFiler™ (STRMix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

9AYXJ2	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
9BMGCL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
9EBRBR	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
9EPGCJ	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
9J7KNV	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
9MHKM8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
9MHPXA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

9NAQW7	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8	11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9
	15,19					
9ND92W	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
9NWWG7	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
9NZJXJ	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
9Q3CXA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
9RAWFH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
9RE8K2	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

9U3PDM	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
9VVEZN	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
9VWEX4	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
9WQ2CR	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
A3NHVW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
A3RTZF	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
A4MFDJ	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

A6F6ZL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
A7BRCP	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
A7QBWM	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
A7R4UV	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
A87BFC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
A9G9R9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
AABYWWM	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

ABJBBH	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
ABNLE2	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
AENW6A	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
AJF7CM	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
AL7CTD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
AVC69Y	PowerPlex® Fusion 6C Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
AW44MX	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

AWJGXN	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
AYV6J9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
B3DJT2	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
B4GGWG	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
B4GL7J	AmpFLSTR™ NGM SElect™					
	13,14	19,25	10,11	15,16		
2		13,14	14,17	17,18		11,11
	13,16	14,15	30,33.2	15,16	X,Y	
	21,22			26.2,31.2	7,8	
	15,19					
B6WKQ9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
B77TVL	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

B9VYBC	Identifiler®, Investigator® 24plex (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
BFA33C	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BGMJ9X	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BH24YM	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
BHZ8VJ	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BLLND4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
BLZDCA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

BLZHMC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BMACKX	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BMEPAE	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
BPGP4K	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
BQXY4D	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BRPYZN	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
BTKH6B	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

BUBGH9	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
BVQ3RB	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
BXEERF	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
BYKWPC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
C688DF	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
C6MB6L	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	NT
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	NT	NT	26.2,31.2	7,8	9,9
	15,19	11	NT	NT	2	
C8RZ8U	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

C98TDY	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CA3TBA	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
CCLXWL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
CCVPY4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CDGFXM	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	INC				
CDMQWE	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
CEDWBJ	PowerPlex® 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

CEWTP6	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CEXM9B	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CJC2D6	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CJC7M8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
CK47M3	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
CK7WTL	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
CM6CZN	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

CPXZMP	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
CQ8A9V	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CU7JKH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
CVLXUD	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
D23TB8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
D26NUD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
D3WNRN	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

D4TZR	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
D4VM9C	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
D66JV2	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
D6NM7M	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
D8A6N8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
D8U2V2	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
DADZ6P	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

DAHDU8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
DC6Z6L	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	INC				
DEE42H	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
DETC4R	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
DKFK8H	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
DQ2F3U	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	NA
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	NA	NA	26.2,31.2	7,8	9
	15,19	11	NA	NA	2	
DQ7RRC	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

DRL6HU	PowerPlex® 21					
	13,14	19,25		15,16	10,11	12,12
2	8,9	13,14		17,18	8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19					
DZBTDW	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
E3C8CL	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
E88283	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
E963GZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
EACPND	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
EAW4EB	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

EDA728	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
EGUZVL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
EH7RTA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
EH7UHE	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
EMK9M8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
EMZMW3	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
ENTHE6	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

ETRYPD	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
F2F64W	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
F2WBFF	Identifiler® (GeneMapper ID-X)					
		19,25		15,16	10,11	
2	8,9	13,14			8	11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9
	15,19					
F36K6R	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
F44G43	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
F6X88V	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
F78E84	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

F8MKPE	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
F8NDP8	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
F9C2PE	GlobalFiler™ (STRmix V2.5.11)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
F9VTWD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
F9Z2BT	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
FAQ9BV	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
FAR294	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

FB3966	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
FBMNJL	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
FBMTUN	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	NA
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	NA	NA	26.2,31.2	7,8	9
	15,19	11	NA	NA	2	
FBZHW2	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
FDB6VF	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
FGTHDH	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
FH2E3R	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

FKPALE	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
FLP6BC	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
FRCR7H	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
FVU8HU	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
FW2ERA	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
FY6C2H	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
G4LWPH	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

G6YC8Q	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
G7NPP9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
G8EZEZ	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
GCULA9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GHKVJ8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GK6PC2	NGM SElect					
	13,14	19,25	10,11	15,16		
2		13,14	14,17	17,18		11,11
	13,16	14,15	30,33.2	15,16	X,Y	
	21,22			26.2,31.2	7,8	
	15,19					
GK8FK6	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

GKNMUT	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
GLJA7W	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
GN8L73	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GNL8F4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GPK63T	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GQCEVU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GQE2D9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

GV8627	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
GWXCKG	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
GXR6V	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
GZ2Z4D	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
H3M4DW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
H4ARLP	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
H4E6B8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

H678Z9	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
H7KMFU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
H8EF78	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
HA9YEZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
HEC6NB	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
HFR9FH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11			2	
HGHNRY	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

HGZGMG	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
HHVZQ4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
HM7D93	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
HNLCQ7	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
HNM3YA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
HPF3VK	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
HPUP88	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

HQPCHQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
HZHHJ6	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
J32UVE	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
J3DQ36	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
J49EDN	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
J6RV23	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
JEV7AD	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

JN2BZA	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
JQA2PD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
JTBDZJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
JUM4EU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
JUM7X8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
JVE4B6	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
JVHQNC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

JWAH34	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
JY3JZF	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
JYDHWA	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
K4PLMC	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
KC3J7P	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
KGT8P2	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
KK9NWK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

KPBKNZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
KQJP4A	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
KT97BW	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
KTAVKZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
KVX8J7	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
KYFK4T	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
KYUYMW	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					

TABLE 2

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

Item 2 - STR Results

L2ULJX	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
L2YY8T	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
L6HXJ3	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
L6M9ML	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
L8J7KR	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
L8Q47P	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
LBHK7W	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

LBL27F	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
LCXLBJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
LE6VQV	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
LGC9EP	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
LKUERQ	Investigator® 24plex (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
LKW394	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
LLMDXC	GlobalFiler™ PCR Amplificaton Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

LLN37F	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
LNVD64	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
LTLVE9	PowerPlex® Fusion 6C (STRmix v2.6.1)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
LUXRJD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
LYM9V4	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
LZJRVK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	ND
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	ND	ND	26.2,31.2	7,8	9
	15,19	11	ND	ND	2	
M2CZKF	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

M38HKV	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
M3PM3U	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
M8XQ8B	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
MAQRYK	PowerPlex® 21					
	13,14	19,25		15,16	10,11	12,12
2	8,9	13,14		17,18	8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19					
MJQGN9	PowerPlex® Fusion 5c					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
ML6P4N	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
MN66AQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

MPGLM4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
MPW682	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
MR8R29	Identifiler® Plus, NGM					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22				7,8	9
	15,19					
MRAFK9	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
MXF442	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
MZ4F48	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
N276CT	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

N3M26T	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
N3NRDW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
N69YE6	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
N8Y6WV	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
NCBX49	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
NCURQ4	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
NEG99P	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

NEU8X7	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
NEYJK3	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
NF9A7Z	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
NFT6EU	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
NGMVHM	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
NGMVJ9	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
NHCAZ7	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

NQRTHJ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
NTDPRV	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
NTEKGT	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
NU7LE4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
NUQ76A	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
NVNGZC	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11			2	
NWHFZW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

NXAAXZ	GlobalFiler™						
		13,14	19,25	10,11	15,16	10,11	
	2	8,9	13,14	14,17	17,18	8	11
		13,16	14,15	30,33.2	15,16	X,Y	12,13
		21,22			26.2,31.2	7,8	9
	15,19	11			2		
NYZJM9	PowerPlex® Fusion 6C						
		13,14	19,25	10,11	15,16	10,11	
	2	8,9	13,14	14,17	17,18	8,8	11,11
		13,16	14,15	30,33.2	15,16	X,Y	12,13
		21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19			
NZYLX7	PowerPlex® Fusion 6C						
		13,14	19,25	10,11	15,16	10,11	
	2	8,9	13,14	14,17	17,18	8	11
		13,16	14,15	30,33.2	15,16	X,Y	12,13
		21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19			
P23TFP	GlobalFiler™						
		13,14	19,25	10,11	15,16	10,11	
	2	8,9	13,14	14,17	17,18	8,8	11,11
		13,16	14,15	30,33.2	15,16	X,Y	12,13
		21,22			26.2,31.2	7,8	9,9
	15,19	11			2		
P3FCBF	GlobalFiler™						
		13,14	19,25	10,11	15,16	10,11	
	2	8,9	13,14	14,17	17,18	8	11
		13,16	14,15	30,33.2	15,16	X,Y	12,13
		21,22			26.2,31.2	7,8	9
	15,19	11			2		
P3YFP8	GlobalFiler™						
		13,14	19,25	10,11	15,16	10,11	
	2	8,9	13,14	14,17	17,18	8	11
		13,16	14,15	30,33.2	15,16	X,Y	12,13
		21,22			26.2,31.2	7,8	9
	15,19	11			2		
P4VTCZ	Identifiler® Plus						
			19,25		15,16	10,11	
	2	8,9	13,14			8,8	11,11
		13,16	14,15	30,33.2		X,Y	12,13
		21,22				7,8	9,9
	15,19						

TABLE 2

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

Item 2 - STR Results

P67F9T	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
P7KXAD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
P936MF	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
P9PGFL	GlobalFiler™ (STRMix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PA3ZCD	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
PBTAAK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
PD2DZ3	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

PGF9FZ	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
PL8K9B	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PLEDHK	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
PM8DFV	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PNZ8CZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PPAAYY	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PPBBHB	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

PPPH28	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
PPR8AB	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
PTD8AQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
PTT42Q	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PUNRFF	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PVHMUB	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PWCH6Q	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

PWTNGA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PYZU4W	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
PZRZCA	PowerPlex® 21					
	13,14	19,25		15,16	10,11	12,12
2	8,9	13,14		17,18	8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19					
Q2E2TH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
Q48NW8	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
Q79VT6	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
Q7WUCX	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

Q88VYW	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
QEMJQC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
QEP79Q	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
QFZ9WB	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
QGDVEP	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
QGZ8DX	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
QH3E8A	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	-
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	-	-	26.2,31.2	7,8	9
	15,19	11	-	-	2	

TABLE 2

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

Item 2 - STR Results

QH62NN	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	n/a
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	n/a	n/a	26.2,31.2	7,8	9,9
	15,19	11	n/a	n/a	n/a	
QJ28DU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
QJMQEV	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
QLQQ7F	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
QMMYH7	PowerPlex® ESI 16 FAST					
	13,14	19,25	10,11	15,16		
2		13,14	14,17	17,18		11,11
	13,16	14,15	30,33.2	15,16	X,Y	
	21,22				7,8	
	15,19					
QTP9KR	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
QYGBW4	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

QZ6R6Q	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
QZCU2Q	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
R2ZMDL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
R3AYKP	PowerPlex® Fusion5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
R46DFU	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
R83UTN	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
R8NG37	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

R9UY3M	Identifiler®, Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	N/A
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	N/A	N/A	26.2,31.2	7,8	9,9
	15,19	11	N/A	N/A	N/A	
RAUUPY	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
RCFNKE	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
RCV86C	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
RD7XF2	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
REHJ73	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
REMU92	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

RFVDNN	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
RGDZNR	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
RGTBNK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
RJKBKV	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				
RJWBHP	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
RL4E88	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
RMKMGV	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

RRB7CX	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X Software v1.6)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
RT32Y7	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
RVC6V4	GlobalFiler™ Express (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
RVWNW4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
RYD7VZ	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
RZ2QFB	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8	11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9
	15,19					
RZ746T	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

T2WPA4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
T3NP8E	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
T6VWL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
T8J8VR	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TA8QV4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
TALAF2	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
TB2RGL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

TBEBCC	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
TBM66Y	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TCE73A	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
TCVFVB	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TDP4FR	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TEDL9C	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
TEHWDV	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

TG79C2	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TGR2QK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
TJUPJN	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
TKL3NR	PowerPlex® ESIFast 16, in-house					
	13,14	19,25	10,11	15,16		
2		13,14	14,17	17,18		11
	13,16	14,15	30,33.2	15,16	X,Y	
	21,22				7,8	
	15,19					
TNL8JL	GlobalFiler™					
	13,14	[19,25]	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
TQV2FL	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
TT4CEA	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

TTJHRE	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TUAWX4	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
TUBNVC	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
TV6HQU	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
TWX9WA	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
U7HYW7	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
UAKW8Y	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		

TABLE 2

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

Item 2 - STR Results

UBELU2	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
UCPAA8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
UCRYD4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
UF4A4D	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
UF8MUU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
UFCXXD	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
UJ9QM3	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

ULX44Y	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
ULZP2Z	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
UMBRNY	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
UMN7AM	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
UMU96M	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
UPZTTM	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
URP6TT	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

UU89E6	GlobalFiler™ (STRmix v. 2.4.06)					
	13,14	19,25	10,11	15,16	10,11	-
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	-	-	26.2,31.2	7,8	9,9
	15,19	11	-	-	2	
UYHLW4	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
V2AVRQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
V3XDKB	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
V4UMX2	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
V7YHEJ	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
V8RBA2	GlobalFiler™ PCR Amplification kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

V9LYQC	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VBDX6A	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VD3CGR	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VDJBUN	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
VFLF43	PowerPlex® ESX17 and PPHS16					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11				
VFPVKA	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VHF3ZZ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

VKH6KA	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
VKHZA8	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
VKLFNU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VTPWVQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VTV7RW	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VWAQP6	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	-
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	-	-	26.2,31.2	7,8	9
	15,19	11	-	-	2	
VXAKWQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

VXKJTK	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VXKN4M	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
VYEEA2	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
VYF88A	GlobalFiler™ Direct					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VZ9Z3T	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
VZA3L6	PowerPlex® Fusion, 21, VERIFILER Express					
	13,14	19,25	10,11	15,16	10,11	12
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11			2	
VZCP3J	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

VZQWNZ	PowerPlex® Fusion 5c					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
VZVB22	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
W2MUEL	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
W9HPFQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
W9Y69Y	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
WBMG96	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
WDWK3F	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

WENKZQ	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
WJ4TNQ	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
WNBQW	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
WNYMLR	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
WP3JN8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
WREEAY	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
WT3VJ8	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

WU3Q96	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
WWUHMW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
WZ8PKU	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
WZNJMP	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
X2JGGH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
X4P36H	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
X6DKX3	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

X6G8EG	Identifiler®, Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	n/a
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	n/a	n/a	26.2,31.2	7,8	9,9
	15,19	11	n/a	n/a	n/a	
X7DE4N	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
X83WW9	PowerPlex® ESI FAST (EuroForMix v3.0.3)					
	13,14	19,25	10,11	15,16		
2		13,14	14,17	17,18		11,11
	13,16	14,15	30,33.2	15,16	X,Y	
	21,22				7,8	
	15,19					
X87EWT	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
XCC646	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9,9
	15,19	11	18	19		
XCXN66	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
XFGQXW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

XG786J	Investigator® 24plex QS (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
XH49FG	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
XKQVMB	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
XKV9DT	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
XL3JCG	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
XMEH7Q	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
XN7J42	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

XPRVBM	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
XR66ZE	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
XT6XQQ	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				
XTKW9V	Investigator® 24plex					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11				
XXWZYX	GlobalFiler™ (STRmix)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
XZNYDV	GlobalFiler™ Express					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
Y2A67Q	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

Y2DQJY	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
Y2UPWW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
Y37RFA	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
Y9BJRT	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
YANT6Y	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
YJAAEL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
YLLP9L	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

YMTCFY	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
YQC924	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8	11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9
	15,19					
YTZK2A	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
YUBPEX	GlobalFiler™ PCR Amplification Kit					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
YUDCXW	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
YV6DV9	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
YVMABE	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	

TABLE 2

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

Item 2 - STR Results

YW4BCV	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
YXWCA7	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
YY7DV6	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
YY89K3	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
YYBLAK	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
YYK3XH	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
Z2NVQV	PowerPlex® Fusion 5C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9,9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

Z7Y99U	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
ZA3WXH	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
ZBUYE6	PowerPlex® Fusion (TrueAllele)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	11				
ZBVN4W	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
ZDMJTQ	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
ZFPP4P	Identifiler® Plus					
		19,25		15,16	10,11	
2	8,9	13,14			8,8	11,11
	13,16	14,15	30,33.2		X,Y	12,13
	21,22				7,8	9,9
	15,19					
ZFU2QL	Investigator® 24plex QS					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11				

TABLE 2

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

Item 2 - STR Results

ZKKFA2	PowerPlex® Fusion 6C					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13	26.2,31.2	7,8	9
	15,19	11	18	19		
ZM8XRL	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9
	15,19	11			2	
ZM9WKU	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
ZQRRL2	PowerPlex® Fusion					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8	11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22	11,13	7,13		7,8	9
	15,19	INC				
ZWHF6D	GlobalFiler™					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	11			2	
ZYZJQP	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	13,14	19,25	10,11	15,16	10,11	
2	8,9	13,14	14,17	17,18	8,8	11,11
	13,16	14,15	30,33.2	15,16	X,Y	12,13
	21,22			26.2,31.2	7,8	9,9
	15,19	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

24X9ZA	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
27H6LE	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
27HAWG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
28A7JQ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
28ABWD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
28BZ3W	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
29MVNN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

29NW82	PowerPlex® Fusion 6C (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
2BB8NU	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
2BPX9X	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2D2D4K	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2DYMVG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	-
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	-	-	-	-	-
2HCEBA	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2JKV2R	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

2LX944	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2M8DJD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
2MMRT9	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
2NHE6C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
2Q6Y7A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2Q7Q6G	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
2QPG6P	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

2RYLKY	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
2U7Y9R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
327LWK	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
37ZD73	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3CKV2Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3DFE7C	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3E366W	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	-				

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 3 - STR Results

3E8DJB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
3E8E3N	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3EULRU	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3FYDGL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3GR9X3	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
3J4YAT	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
3JYLLW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

3KU6PJ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3MHGNN	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3MYWFB	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
3ND8QW	NGM SElect and MiniFiler					
	14,17.3	19,20	11,14	14,15		
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	
	14,16					
3NXVXJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3PMEQ4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
3QLC8R	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

3RDC63	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
3UKTHZ	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
3ULM4R	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
3WAY3W	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
3WNG4H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
3XJ4EZ	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
3YBZ3U	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

439YWJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
43TKMN	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
46DNX8	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	Neg.				
46GBEK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
479CCW	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
47WBWP	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
482AK3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

48MGCF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
4ATWNR	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
4B392M	GlobalFiler™ (STRmix 2.4.06)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	no result			no result	
4B7J77	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
4ENQJ8	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
4FJEXW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
4GCC64	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

4GRQFY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
4HM9EE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
4V8TV2	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
4WKB3D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
62CR7R	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
64NHGG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
677L4T	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

67NQLQ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
69UFLE	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6ALC9M	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6DP3JA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6G987K	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6JWH6Q	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
6M8TVZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

6MC4ZJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6NM7LH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6PE7JT	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
6PZFYN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
6QWXTD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6TZN2D	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
6URPZA	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					

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 3 - STR Results

6UTKNM	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
6UUE8T	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
6V3QM9	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
6VAP97	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
6VLF64	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
6ZLGEY	GlobalFiler™, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
72U4C4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

74FX8J	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7669VQ	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
768Y4U	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
76P64J	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
76UF84	GlobalFiler™ (STRMIX)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
77FBGP	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				
798AZU	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

79DG9G	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7AKPH2	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
3	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
7CDQFC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7HFWUF	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7K3HJW	PowerPlex® Fusion 6C (STRmix v 2.5.11)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
7KJGWU	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
7KL7ZQ	GlobalFiler™ PCR Amplification Kit (Gene Mapper ID-X 1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

7KNUJQ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
7QRVNQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
7VPC2K	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
82MB3U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
867KWR	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
88T3EC	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
8CJE8N	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	NT
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	NT	NT	21.2,26.2	8,10	9,10,11
	14,16	NR	NT	NT	NR	

TABLE 2

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

Item 3 - STR Results

8DZQPT	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
8FM98D	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8JP7FK	GlobalFiler™ (STRmix V2.5.11)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8LQEHA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8M4U34	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	
	14,16					
8RGLAV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8RW34N	GlobalFiler™ (STRmix 2.7)					
	14,16.3,17.3	19,20	11,14	13,14,15	11,12,13	
3	10,11,12	9,10,12,13	12,13,14,15	16,19	8,11	11,12,13
	16,17,18	12,14	29,30,32.2,33.2	11,14	X	11,12,13
	21,22,23			21.2,25.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

8UNYTH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8VFZQT	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
8Y3G9E	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
8ZE8J4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
93XQWL	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
96L749	GlobalFiler™ (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9AUMEH	GlobalFiler™ (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

9AYXJ2	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
9BMGCL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9EBRBR	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
9EPGCJ	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9J7KNV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9MHKM8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9MHPXA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

9NAQW7	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X	11,13
	22,23				8,10	9,10,11
	14,16					
9NWWG7	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
9NZJXJ	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9Q3CXA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9RAWFH	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
9RE8K2	PowerPlex® Fusion 6C (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
9U3PDM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

9VVEZN	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	21,22,23			21.2,26.2	8,10	9,10,11
	14,16					
9VWEX4	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	na				
9WQ2CR	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
A3NHVW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
A3RTZF	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR				
A4MFDJ	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
A6F6ZL	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

A7BRCP	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
A7QBWM	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
A7R4UV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
A87BFC	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
A9G9R9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AABYWWM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ABJBBH	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

ABNLE2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AENW6A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AJF7CM	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
AL7CTD	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AVC69Y	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
AW44MX	Identifiler® Plus, GlobalFiler™, Minifiler					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
AWJGXN	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

AYV6J9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
B3DJT2	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-				
B4GGWG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
B4GL7J	AmpFLSTR™ NGM SElect™					
	14,17.3	19,20	11,14	14,15		
3		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23			21.2,26.2	8,10	
	14,16					
B6WKQ9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
B77TVL	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	13,14,15	12,13	
3	10,12	10,12,13	13,14,15	16,19	8,11	11,13
	16,17,18	12,14	29,30,32.2,33.2	11,14	X	11,13
	21,22,23			21.2,26.2	8,10	9,10,11
	14,16					
B9VYBC	Investigator® 24plex (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

BFA33C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BGMJ9X	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
BH24YM	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
BHZ8VJ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BLLND4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
BLZDCA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BLZHMC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

BMACKX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
BMEPAE	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
BPGP4K	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
BQXY4D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BRPYZN	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
BTKH6B	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BUBGH9	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

BVQ3RB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
BXEERF	GlobalFiler™ (STRmix v2.4)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	no results			no results	
BYKWPC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
C688DF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
C6MB6L	GlobalFiler™ (STRmix Version 2.4)					
	14,17.3	19,20	11,14	14,15	12,13	NT
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	NT	NT	21.2,26.2	8,10	9,10,11
	14,16	NR	NT	NT	NR	
C8RZ8U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
C9BTDY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

CA3TBA	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CCLXWL	GlobalFiler™ (STRmix v2.4.06)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	no result			no result	
CCVPY4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
CDGFXM	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	INC				
CDMQWE	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CEDWBJ	PowerPlex® 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
CEWTP6	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

CEXM9B	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CJC2D6	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CJC7M8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CK47M3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
CK7WTL	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
CM6CZN	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
CPXZMP	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

CQ8A9V	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
CU7JKH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
CVLXUD	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
D23TB8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D26NUD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11*
	14,16					
D3WNRN	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
D4TZRZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

D4VM9C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D66JV2	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	X,X	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
D6NM7M	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
D8A6N8	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
D8U2V2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
DADZ6P	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
DAHDU8	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

DC6Z6L	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	INC				
DEE42H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
DETC4R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
DKFK8H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
DQ2F3U	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	NA
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	NA	NA	21.2,26.2	8,10	9,10,11
	14,16	ND	NA	NA	ND	
DQ7RRC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
DRL6HU	PowerPlex® 21 (STRmix)					
	14,17.3	19,20		14,15	12,13	11,23
3	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					

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 3 - STR Results

DZBTDW	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
E3C8CL	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
E88283	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,32.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
E963GZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
EACPND	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
EAW4EB	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
EDA728	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

EGUZVL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NM			NM	
EH7RTA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
EH7UHE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
EMK9M8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
EMZMW3	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ENTHE6	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
ETRYPD	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

F2F64W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
F2WBFF	Identifiler® (GeneMapper ID-X)					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X	11,13
	22,23				8,10	9,10,11
	14,16					
F36K6R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
F44G43	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
F6X88V	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
F78E84	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
F8MKPE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				

TABLE 2

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

Item 3 - STR Results

F8NDP8	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
F9C2PE	GlobalFiler™ (STRmix V2.5.11)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
F9VTWD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
F9Z2BT	Identifiler® Plus, MiniFiler					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
FAQ9BV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FAR294	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FB3966	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

FBMNJL	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
FBMTUN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	NA
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	NA	NA	21.2,26.2	8,10	9,10,11
	14,16	ND	NA	NA	ND	
FBZHW2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FDB6VF	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
FGTHDH	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
FH2E3R	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
FKPALE	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

FLP6BC	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
FRCR7H	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
FVU8HU	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
FW2ERA	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
FY6C2H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
FY9RHN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
G4LWPH	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

G6YC8Q	Identifiler® Plus, MiniFiler					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
G7NPP9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
G8EZEZ	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GCULA9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GHKVJ8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GK6PC2	NGM SElect					
	14,17.3	19,20	11,14	14,15		
3		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,[14]	X,X	
	22,23			21.2,26.2	8,10	
	14,16					
GK8FK6	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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 3 - STR Results

GKNMUT	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
GLJA7W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
GN8L73	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GNL8F4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GPK63T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
GQCEVU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GQE2D9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

GV8627	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
GWXCKG	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
GXR6V	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-				
GZ2Z4D	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
H3M4DW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
H4ARLP	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
H4E6B8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

H678Z9	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
H7KMFU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
H8EF78	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
HA9YEZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HEC6NB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
HFR9FH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
HGHNRY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

HGZGMG	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
HHVZQ4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HM7D93	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HNLCQ7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HNM3YA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
HPF3VK	PowerPlex® Fusion 6C (STRmix v2.5)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
HPUP88	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

HQPCHQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
HZHHJ6	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
J32UVE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
J3DQ36	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
J49EDN	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
J6RV23	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JEV7AD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	ND	ND	ND		

TABLE 2

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

Item 3 - STR Results

JN2BZA	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
JQA2PD	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JTBDZJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JUM4EU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JUM7X8	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JVE4B6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JVHQNC	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

JWAH34	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
JY3JZF	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
JYDHWA	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
KC3J7P	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
KGT8P2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KK9NWK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
KPBKNZ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

KQJP4A	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KT97BW	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KTAVKZ	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KVX8J7	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
KYFK4T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
KYUYMW	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
L2ULJX	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

L2YY8T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
L6HXJ3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
L6M9ML	Identifiler® Plus, MiniFiler, ID+ (LCN)					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
L8J7KR	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
L8Q47P	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
LBHK7W	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
LBL27F	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

LCXLBJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
LE6VQV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LGC9EP	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
LKUERQ	Investigator® 24plex (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LKW394	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LLMDXC	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LLN37F	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

LNVD64	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LRVNYH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LTLVE9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
LUXRJD	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LYM9V4	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
LZJRVK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	ND
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	ND	ND	21.2,26.2	8,10	9,10,11
	14,16	ND	ND	ND	ND	
M2CZKF	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

M38HKV	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
M3PM3U	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
M8XQ8B	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
MAQRYK	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
3	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
MJQGN9	PowerPlex® Fusion 5c					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
ML6P4N	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
MN66AQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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 3 - STR Results

MPGLM4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
MPW682	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
MR8R29	Identifiler® Plus, NGM					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23				8,10	9,10,11
	14,16					
MRAFK9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
MXF442	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
MZ4F48	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
N276CT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

N3M26T	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
N3NRDW	GlobalFiler™ (STRmix (ignoring TPOX))					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
N69YE6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
N8Y6WV	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
NCBX49	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
NCURQ4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
NEG99P	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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 3 - STR Results

NEU8X7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	No Result			No Result	
NEYJK3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NF9A7Z	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NFT6EU	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
NGMVHM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NGMVJ9	GlobalFiler™ (STRmix)					
	13,14,16.3,17.3	19,20	10,11,14	13,14,15	11,12,13	
3	10,11,12	9,10,12,13	12,13,14,15	16,18,19	8,11	11,12,13
	16,17,18	11,12,13,14	29,30,32.2,33.2	11,13,14	X	11,12,13
	21,22,23			20.2,21.2,25.2,26.2	8,10	9,10,11
	14,15,16					
NHCAZ7	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	NR				

TABLE 2

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

Item 3 - STR Results

NQRTHJ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
NTDPRV	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NTEKGT	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
NU7LE4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NUQ76A	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
NVNGZC	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	-			-	
NWHFZW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

NXAAXZ	GlobalFiler™						
		14,17.3	19,20	11,14	14,15	12,13	
	3	10,12	10,13	13,15	16,19	8,11	11,13
		17,18	12,14	30,33.2	11,14	X	11,13
		22,23			21.2,26.2	8,10	9,10,11
	14,16						
NYZJM9	PowerPlex® Fusion 6C						
		14,17.3	19,20	11,14	14,15	12,13	
	3	10,12	10,13	13,15	16,19	8,11	11,13
		17,18	12,14	30,33.2	11,14	X,X	11,13
		22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16	0	0	0			
NZYLX7	PowerPlex® Fusion 6C (STRmix)						
		14,17.3	19,20	11,14	14,15	12,13	
	3	10,12	10,13	13,15	16,19	8,11	11,13
		17,18	12,14	30,33.2	11,14	X	11,13
		22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16						
P23TFP	GlobalFiler™						
		14,17.3	19,20	11,14	14,15	12,13	
	3	10,12	10,13	13,15	16,19	8,11	11,13
		17,18	12,14	30,33.2	11,14	X,X	11,13
		22,23			21.2,26.2	8,10	9,10,11
	14,16						
P3FCBF	GlobalFiler™						
		14,17.3	19,20	11,14	14,15	12,13	
	3	10,12	10,13	13,15	16,19	8,11	11,13
		17,18	12,14	30,33.2	11,14	X	11,13
		22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND		
P3YFP8	GlobalFiler™						
		14,17.3	19,20	11,14	14,15	12,13	
	3	10,12	10,13	13,15	16,19	8,11	11,13
		17,18	12,14	30,33.2	11,14	X	11,13
		22,23			21.2,26.2	8,10	9,10,11
	14,16						
P4VTCZ	Identifiler® Plus						
			19,20		14,15	12,13	
	3	10,12	10,13			8,11	11,13
		17,18	12,14	30,33.2		X,X	11,13
		22,23				8,10	9,10,11
	14,16						

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 3 - STR Results

P67F9T	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X	11,13
	22,23				8,10	9,10,11
	14,16					
P936MF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
P9PGFL	GlobalFiler™ (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
PA3ZCD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
PBTAAK	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PD2DZ3	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PGF9FZ	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					

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 3 - STR Results

PL8K9B	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
PLEDHK	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
PM8DFV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PNZ8CZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PPAAYY	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PPBBHB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
PPPH28	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

PPR8AB	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
PTD8AQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
PTT42Q	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PUNRFF	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21,26.2	8,10	9,10,11
	14,16					
PVHMUB	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
PWCH6Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
PWTNGA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

PYZU4W	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
PZRZCA	PowerPlex® 21					
	14,17.3	19,20		14,15	12,13	11,23
3	10,12	10,13		16,19	8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
Q2E2TH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
Q48NW8	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
Q79VT6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
Q7WUCX	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
Q88VYW	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

QEMJQC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QEP79Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
QFZ9WB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
QGDVEP	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QGZ8DX	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QH3E8A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	-
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	NM	-	-	NM	
QH62NN	Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	n/a
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	n/a	n/a	21.2,26.2	8,10	9,10,11
	14,16	n/a	n/a	n/a	n/a	

TABLE 2

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

Item 3 - STR Results

QJ28DU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QJMQEV	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
QLQQ7F	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
QMMYH7	PowerPlex® ESI 16 FAST					
	14,17.3	19,20	11,14	14,15		
3		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23				8,10	
	14,16					
QTP9KR	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
QYGBW4	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
QZ6R6Q	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

QZCU2Q	GlobalFiler™ (STRmix 2.6.1)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
R2ZMDL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
R3AYKP	PowerPlex® Fusion5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
R46DFU	Investigator® 24plex QS (STRmix v2.6.3)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
R83UTN	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
R8NG37	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
R9UY3M	Identifiler®, Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	N/A
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	N/A	N/A	21.2,26.2	8,10	9,10,11
	14,16	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 3 - STR Results

RAUUPY	GlobalFiler™ (STRmix 2.4)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	none			none	
RCFNKE	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
RCV86C	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
RD7XF2	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
REHJ73	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
REMU92	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RFVDNN	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

RGDZNR	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
RGTBNK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RJKBKV	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RJWBHP	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RL4E88	GlobalFiler™ (STRmix v2.4.06)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RMKMGV	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
RRB7CX	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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 3 - STR Results

RT32Y7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	neg.			neg.	
RVC6V4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RVWNW4	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RYD7VZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
RZ2QFB	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
RZ746T	GlobalFiler™ (STRmix 2.4)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	No results			No results	
T2WPA4	GlobalFiler™ (STRmix V2.5.11)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

T3NP8E	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
T6VWL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
T8J8VR	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TA8QV4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TALAF2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
TB2RGL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TBEBCC	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

TBM66Y	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TCE73A	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
TCVFB	GlobalFiler™, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TDP4FR	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TEDL9C	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
TEHWDV	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16	NID	NID	NID		
TG79C2	GlobalFiler™ (STRMIX)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

TGR2QK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
TJUPJN	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
TKL3NR	PowerPlex® ESIFast 16					
	14,17.3	19,20	11,14	14,15		
3		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X	
	22,23				8,10	
	14,16					
TNL8JL	GlobalFiler™					
	14,17.3	19,[20]	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,[13]
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	[9,10,11]
	14,16					
TQV2FL	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
TTJHRE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
TUAWX4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

TUBNVC	GlobalFiler™, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
TV6HQU	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
TWX9WA	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
U7HYW7	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
UAKW8Y	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
UBELU2	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
UCPAA8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

UCRYD4	GlobalFiler™ (STRmix V2.4)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	No Result			No Result	
UF4A4D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
UF8MUU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
UFCXXD	Identifiler® Plus, MiniFiler					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
UJ9QM3	GlobalFiler™ (STRmix)					
	14,17.3	18,19,20	10,11,13,14	13,14,15	12,13	
3	10,12	9,10,12,13	13,15	16,19	8,11	11,13
	16,17,18	12,13,14	29,30,32.2,33.2	11,14	X	11,13
	21,22,23			20.2,21.2,25.2,26.2	8,10	9,10,11
	14,16					
ULX44Y	GlobalFiler™, MiniFiler					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ULZP2Z	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

UMBRNY	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
UMN7AM	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
UMU96M	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
UPZTTM	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
URP6TT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
UU89E6	GlobalFiler™ (STRmix v. 2.4.06)					
	14,17.3	19,20	11,14	14,15	12,13	-
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	NR	-	-	NR	
UYHLW4	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

V2AVRQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
V3XDKB	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
V4UMX2	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
V7YHEJ	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
V8RBA2	GlobalFiler™ PCR Amplification kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
V9LYQC	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
VBDX6A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

VD3CGR	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VDJBUN	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
VFLF43	PowerPlex® ESX17 and PPHS16					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
VFPVKA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VHF3ZZ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
VKH6KA	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
VKHZA8	PowerPlex® Fusion 6C (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

VKLFNU	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VTPWVQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VTV7RW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VWAQP6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	-
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	-	-	21.2,26.2	8,10	9,10,11
	14,16	NM	-	-	NM	
VXAKWQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VXKJTK	GlobalFiler™ (STRMix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VXKN4M	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

VYEEA2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
VYF88A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VZ9Z3T	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
VZA3L6	PowerPlex® Fusion, 21, VERIFILER Express					
	14,17.3	19,20	11,14	14,15	12,13	11,23
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
VZCP3J	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16	NR	NR	NR		
VZQWNZ	PowerPlex® Fusion 5c					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
VZVB22	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

W2MUEL	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
W9HPFQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
W9Y69Y	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
WBMG96	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
WDWK3F	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
WENKZQ	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
WJ4TNQ	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					

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 3 - STR Results

WNBQJW	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
WNYMLR	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
WP3JN8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
WREEAY	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
WT3VJ8	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
WU3Q96	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
WWUHMW	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

WZ8PKU	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	--				
WZNJMP	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
X2JGGH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
X4P36H	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
X6DKX3	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NM			NM	
X6G8EG	Identifiler®, Investigator® 24plex QS					
	14,17.3	19,20	11,14	14,15	12,13	n/a
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	n/a	n/a	21.2,26.2	8,10	9,10,11
	14,16	n/a	n/a	n/a	n/a	
X7DE4N	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

X83WW9	PowerPlex® ESI FAST (EuroForMix v3.0.3)					
	14,17.3	19,20	11,14	14,15		
3		10,13	13,15	16,19		11,13
	17,18	12,14	30,33.2	11,14	X,X	
	22,23				8,10	
	14,16					
X87EWT	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3		10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XCC646	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3		10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12	21.2,26.2	8,10	9,10,11
	14,16					
XCXN66	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3		10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XFGQXW	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3		10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XG786J	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3		10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XH49FG	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3		10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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 3 - STR Results

KXQVMB	GlobalFiler™					
		14,17.3	19,20	11,14	14,15	12,13
	3	10,12	10,13	13,15	16,19	8,11 11,13
		17,18	12,14	30,33.2	11,14	X 11,13
		22,23			21.2,26.2	8,10 9,10,11
	14,16	ND			ND	
KXV9DT	Identifiler® Plus					
			19,20		14,15	12,13
	3	10,12	10,13			8,11 11,13
		17,18	12,14	30,33.2		X,X 11,13
		22,23				8,10 9,10,11
	14,16					
XL3JCG	GlobalFiler™					
		14,17.3	19,20	11,14	14,15	12,13
	3	10,12	10,13	13,15	16,19	8,11 11,13
		17,18	12,14	30,33.2	11,14	X,X 11,13
		22,23			21.2,26.2	8,10 9,10,11
	14,16					
XMEH7Q	PowerPlex® Fusion 6C (STRmix)					
		14,17.3	19,20	11,14	14,15	12,13
	3	10,12	10,13	13,15	16,19	8,11 11,13
		17,18	12,14	30,33.2	11,14	X 11,13
		22,23	5,8	12	21.2,26.2	8,10 9,10,11
	14,16	NID	NID	NID		
XN7J42	PowerPlex® Fusion					
		14,17.3	19,20	11,14	14,15	12,13
	3	10,12	10,13	13,15	16,19	8,11 11,13
		17,18	12,14	30,33.2	11,14	X 11,13
		22,23	5,8	12		8,10 9,10,11
	14,16					
XPRVBM	GlobalFiler™					
		14,17.3	19,20	11,14	14,15	12,13
	3	10,12	10,13	13,15	16,19	8,11 11,13
		17,18	12,14	30,33.2	11,14	X 11,13
		22,23			21.2,26.2	8,10 9,10,11
	14,16					
XRB6ZE	GlobalFiler™					
		14,17.3	19,20	11,14	14,15	12,13
	3	10,12	10,13	13,15	16,19	8,11 11,13
		17,18	12,14	30,33.2	11,14	X,X 11,13
		22,23			21.2,26.2	8,10 9,10,11
	14,16	-			-	

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 3 - STR Results

XT6XQQ	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
XTKW9V	Investigator® 24plex					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
XXWZYX	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
XZNYDV	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
Y2A67Q	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
Y2DQJY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
Y2UPWW	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

Y37RFA	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
Y9BJRT	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YANT6Y	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
YJAAEL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YLLP9L	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YMTCFY	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
YQC924	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					

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 3 - STR Results

YTZK2A	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
YUBPEX	GlobalFiler™ PCR Amplification Kit					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YUDCXW	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YV6DV9	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
YVMABE	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	
YW4BCV	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
YXWCA7	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

YY7DV6	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	ND			ND	
YY89K3	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
YYBLAK	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
YYK3XH	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
Z2NVQV	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23	5,8	12,12		8,10	9,10,11
	14,16					
Z7Y99U	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ZA3WXH	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

ZBUYE6	PowerPlex® Fusion (TrueAllele)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16					
ZBVN4W	GlobalFiler™ (STRmix)					
	14,16.3,17.3	19,20	10,11,14	13,14,15	11,12,13	
3	10,12	9,10,12,13	13,15	16,19	8,11	11,13
	16,17,18	12,14	29,30,32.2,33.2	11,14	X	11,13
	21,22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZDMJTQ	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZFPP4P	Identifiler® Plus					
		19,20		14,15	12,13	
3	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
	22,23				8,10	9,10,11
	14,16					
ZFU2QL	Investigator® 24plex QS (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZKKFA2	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12	21.2,26.2	8,10	9,10,11
	14,16					
ZM8XRL	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					

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 3 - STR Results

ZM9WKU	GlobalFiler™ (STRmix)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	NR			NR	
ZQRRL2	PowerPlex® Fusion					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X	11,13
	22,23	5,8	12		8,10	9,10,11
	14,16	INC				
ZWHF6D	GlobalFiler™					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16					
ZYZJQP	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	14,17.3	19,20	11,14	14,15	12,13	
3	10,12	10,13	13,15	16,19	8,11	11,13
	17,18	12,14	30,33.2	11,14	X,X	11,13
	22,23			21.2,26.2	8,10	9,10,11
	14,16	-			-	

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 3e - STR Results

3DRZTT Identifiler®

3e



TABLE 2

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

3DRZTT	Identifiler®					
		19,20		14,15		
3sp	10,12	10,13			8,11	11,13
	17,18	12,14	30,33.2		X,X	11,13
					8,10	9,10,11
	14,16					

TABLE 2

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

Item 4 - STR Results

24X9ZA	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
27H6LE	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
27HAWG	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
28A7JQ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
28ABWD	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
28BZ3W	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
29MVNN	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

29NW82	PowerPlex® Fusion 6C (STRMix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
2BB8NU	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
2BPX9X	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2D2D4K	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2DYMVG	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	-
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	-	-	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	-	-	2	
2HCEBA	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2JKV2R	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

2LX944	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2M8DJD	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,[10]	9,10,11
	14,15,16,19	11			2	
2MMRT9	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	10,11	18	19		
2NHE6C	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2Q6Y7A	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2Q7Q6G	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
2QPG6P	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

2RYLKY	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
2U7Y9R	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
327LWK	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
37ZD73	GlobalFiler™					
	[13],14,17,3	19,20,25	10,11,14	14,15,[16]	10,11,12,13	
4	[8],[9],10,12	10,13,14	13,[14],15,[17]	16,17,18,19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,[12],13
	21,22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	11			2	
3CKV2Q	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3DFE7C	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3E366W	PowerPlex® Fusion 5C, GlobalFiler™ Express (TrueAllele)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

3E8DJB	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3E8E3N	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3EULRU	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3FYDGL	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3GR9X3	PowerPlex® Fusion (TrueAllele)					
	13,14,17,3	19,[20,25]	10,11,[14]	14,15,16	10,11,12,13	
4	8,9,10,12	[10],13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,[Y]	11,12,13
	[21],22,[23]	5,8,11,13	7,12,[13]		7,8,[10]	9,[10,11]
	14,15,16,19	11				
3J4YAT	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3JYLLW	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

3KU6PJ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3MHGNN	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3MYWFB	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
3ND8QW	NGM SElect and MiniFiler					
	13,14,17,3	19,20,25	10,11,14	14,15,16		
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	
	14,15,16,19					
3NXVXJ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3PMEQ4	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3QLC8R	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

3RDC63	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3UKTHZ	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
3ULM4R	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
3WAY3W	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
3WNG4H	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
3XJ4EZ	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
3YBZ3U	GlobalFiler™ (Strmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

439YWJ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
43TKMN	Investigator® 24plex					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
46DNX8	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
46GBEK	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
479CCW	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
47WBWP	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
482AK3	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

48MGCF	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
4ATWNR	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
4B392M	GlobalFiler™ (STRmix 2.4.06)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
4B7J77	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
4ENQJ8	Investigator® 24plex (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
4FJEXW	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
4GCC64	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

4GRQFY	PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
4HM9EE	PowerPlex® Fusion					
	[13],14,17.3	19,20,[25]	[10],11,14	14,15,[16]	[10],[11],12,13	
4	8,9,10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,[11]	11,[13]
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,12,13
	21,22,23	5,8,[11],[13]	[7],12,[13]		[7],8,10	9,10,11
	14,[15],16,[19]	11				
4V8TV2	PowerPlex® Fusion (TrueAllele)					
	13,14,[17.3]	19,[20],[25]	10,11,[14]	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,15	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,[23]	5,8,11,13	7,12,13		7,8,[10]	9,[10],[11]
	14,15,16,19	11				
4WKB3D	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
62CR7R	PowerPlex® Fusion 5C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
64NHGG	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
677L4T	GlobalFiler™ PCR Amplification Kit					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

67NQLQ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
69UFLE	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6ALC9M	Investigator® 24plex QS					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
6DP3JA	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6G987K	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6JWH6Q	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
6M8TVZ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

6MC4ZJ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6NM7LH	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6PE7JT	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
6PZFYN	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6QWXTD	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6TZN2D	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
6URPZA	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					

TABLE 2

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

Item 4 - STR Results

6UTKNM	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6UUE8T	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
6V3QM9	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
6VAP97	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
6VLF64	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
6ZLGEY	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
72U4C4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

74FX8J	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
7669VQ	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
768Y4U	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
76P64J	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
76UF84	GlobalFiler™ (STRMIX)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
77FBGP	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
798AZU	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

79DG9G	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
7AKPH2	PowerPlex® 21 (STRmix)					
	13,14,17,3	19,20,25		14,15,16	10,11,12,13	11,12,23
4	8,9,10,12	10,13,14		16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19					
7CDQFC	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
7HFWUF	Investigator® 24plex QS (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
7K3HJW	PowerPlex® Fusion 6C (STRmix v 2.5.11)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
7KJGWU	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
7KL7ZQ	GlobalFiler™ PCR Amplification Kit (Gene Mapper ID-X 1.6)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

7KNUJQ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
7QRVNQ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
7VPC2K	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
82MB3U	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
867KWR	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
88T3EC	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
8CJE8N	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	NT
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	NT	NT	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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 4 - STR Results

8DZQPT	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
8FM98D	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
8JP7FK	GlobalFiler™ (STRmix V2.5.11)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
8LQEHA	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
8RGLAV	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
8RW34N	GlobalFiler™ (STRmix 2.7)					
	13,14,17,3	18,19,20,25	10,11,14	13,14,15,16	10,11,12,13	
4	8,9,10,11,12	9,10,12,13,14	13,14,15,17	16,17,18,19	8,11	10,11,13
	13,15,16,17,18	12,14,15	29,30,32.2,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,25.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
8UNYTH	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

8VFZQT	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
8Y3G9E	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
8ZE8J4	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
93XQWL	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
96L749	GlobalFiler™ (TrueAllele)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9AUMEH	GlobalFiler™ (STRMix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9AYXJ2	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

9BMGCL	GlobalFiler™					
	13,14,[17.3]	19,[20],25	10,11,[14]	[14],15,[16]	10,11,12,[13]	
4	8,9,10,12	[10],13,[14]	13,14,[15],17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	[11],12,13
	21,22,[23]			[21.2],26.2,31.2	7,8,[10]	9,[10],[11]
	14,15,[16],19	11			2	
9EBRBR	PowerPlex® Fusion					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
9EPGCI	Investigator® 24plex					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
9J7KNV	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9MHKM8	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9MHPXA	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9NAQW7	Identifiler® Plus					
		19,[20],[25]		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,[11]	11,[13]
	13,16,17,18	12,14,[15]	30,33.2		X,[Y]	11,12,13
	21,22,23				[7],8,10	9,[10],[11]
	14,15,16,19					

TABLE 2

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

Item 4 - STR Results

9NWWG7	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
9Q3CXA	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9RAWFH	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9RE8K2	PowerPlex® Fusion 6C (STRMix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
9U3PDM	GlobalFiler™					
	[13],14,17.3	19,20,[25]	[10],11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	XX,[Y]	11,[12],13
	[21],22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	NR,[11]			NR,[2]	
9VVEZN	GlobalFiler™ (STRmix)					
	13,14,17.3	18,19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,12,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
9VWEX4	Investigator® 24plex					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

9WQ2CR	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
A3NHVW	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
A3RTZF	Investigator® 24plex QS					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
A4MFDJ	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
A6F6ZL	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
A7BRCP	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
A7QBWM	PowerPlex® Fusion 6C (STRMIX)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

A7R4UV	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	10,11			2	
A87BFC	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
A9G9R9	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
AABYWWM	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ABJBBH	Investigator® 24plex					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
ABNLE2	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
AENW6A	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

AJF7CM	PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
AL7CTD	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
AVC69Y	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	18,19,20,25	10,11,14	13,14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,12,13
	13,16,17,18	12,13,14,15	29,30,32.2,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,25.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
AW44MX	Identifiler® Plus, GlobalFiler™, MiniFiler					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
AWJGXN	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
AYV6J9	GlobalFiler™					
	[13],14,17.3	19,20,[25]	[10],11,14	14,15,[16]	[10,11],12,13	
4	[8,9],10,12	10,13,[14]	13,[14],15,[17]	16,[17,18],19	8,11	11,13
	[13,16],17,18	12,14,[15]	30,33.2	11,14,[15,16]	X,[Y]	11,[12],13
	21,22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	[11]			[2]	
B3DJT2	Investigator® 24plex QS					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

B4GGWG	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
B4GL7J	AmpFLSTR™ NGM SElect™ (STRmix v2.8)					
	13,14,17,3	19,20,25	10,11,14	14,15,16		
4		10,13,14	13,14,15,17	16,17,18,19		11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	
	21,22,23			21.2,26.2,31.2	7,8,10	
	14,15,16,19					
B6WKQ9	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
B77TVL	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,12,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,32.2,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
B9VYBC	Investigator® 24plex (STRmix)					
	[13],14,[17.3]	19,20,[25]	[10],11,[14]	14,15,[16]	10,11,12,13	
4	8,9,10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,[11]	11,[13]
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,[12],13
	[21],22,[23]			[21.2],26.2,[31.2]	[7],8,10	9,[10],[11]
	14,15,16,19	11				
BFA33C	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BGMJ9X	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

BH24YM	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
BHZ8VJ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BLLND4	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BLZDCA	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BLZHMC	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BMACKX	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BMEPAE	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

BPGP4K	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
BQXY4D	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BRPYZN	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
BTKH6B	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BUBGH9	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
BVQ3RB	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
BXEERF	GlobalFiler™ (STRmix v2.4)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

BYKWPC	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
C688DF	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
C6MB6L	GlobalFiler™ (STRmix Version 2.4)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	NT
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	NT	NT	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	NT	NT	2	
C8RZ8U	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
C9BTDY	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CA3TBA	Investigator® 24plex QS (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
CCLXWL	GlobalFiler™ (STRmix v2.4.06)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

CCVPY4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CDGFXM	PowerPlex® Fusion 5C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	INC				
CDMQWE	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CEDWBJ	PowerPlex® 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
CEWTP6	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CEXM9B	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CJC2D6	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

CJC7M8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CK47M3	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CK7WTL	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
CM6CZN	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CPXZMP	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
CQ8A9V	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
CU7JKH	GlobalFiler™					
	[13],14,[17.3]	19,[20,25]	10,11,14	[14],15,[16]	10,11,12,13	
4	8,9,10,12	[10],13,[14]	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,[23]			[21.2],26.2,[31.2]	[7],8,[10]	9,[10,11]
	14,15,16,19	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

CVLXUD	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
D23TB8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
D26NUD	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
D3WNRN	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
D4TZRX	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
D4VM9C	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
D66JV2	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16					

TABLE 2

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

Item 4 - STR Results

D6NM7M	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
D8A6N8	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
D8U2V2	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
DADZ6P	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
DAHDU8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
DC6Z6L	PowerPlex® Fusion 5C (STRMix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	INC				
DEE42H	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

DETC4R	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
DKFK8H	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
DQ2F3U	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	NA
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	NA	NA	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	NA	NA	2	
DQ7RRC	GlobalFiler™					
	13,14,[17.3]	19,[20],[25]	[10],11,[14]	[14],15,16	10,11,12,13	
4	8,9,10,12	[10],13,[14]	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,[23]			[21.2],26.2,31.2	[7],8,[10]	9,[10],[11]
	14,15,[16],19	11			2	
DRL6HU	PowerPlex® 21 (STRmix)					
	13,14,17,3	19,20,25		14,15,16	10,11,12,13	11,12,23
4	8,9,10,12	10,13,14		16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19					
DZBTDW	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
E3C8CL	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

E88283	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	[10],13,[14]	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,[Y]	11,12,13
	[21],22,[23]			21.2,26.2,31.2	7,8,[10]	9,[10],[11]
	14,15,16,19	11			2	
E963GZ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
EACPND	Investigator® 24plex QS					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
EAW4EB	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
EDA728	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
EGUZVL	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
EH7RTA	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

EH7UHE	GlobalFiler™					
		13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,[17]	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11			2	
EMK9M8	GlobalFiler™					
		13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11			2	
EMZMW3	GlobalFiler™ (STRmix)					
		13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11			2	
ENTHE6	PowerPlex® Fusion					
		13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23	5,8,11,13	7,12,13		7,8,10 9,10,11
	14,15,16,19	11				
ETRYPD	Investigator® 24plex					
		13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11				
F2F64W	GlobalFiler™					
		13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,[10],11
	14,15,16,19	11			2	
F2WBFF	Identifiler® (GeneMapper ID-X)					
			19,20,25		14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14			8,11 11,13
		13,16,17,18	12,14,15	30,33.2		X,Y 11,12,13
		21,22,23				7,8,10 9,10,11
	14,15,16,19					

TABLE 2

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

Item 4 - STR Results

F36K6R	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
F44G43	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
F6X88V	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
F78E84	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
F8MKPE	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
F8NDP8	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
F9C2PE	GlobalFiler™ (STRmix V2.5.11)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

F9VTWD	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
F9Z2BT	Identifiler® Plus, MiniFiler					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
FAQ9BV	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FAR294	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FB3966	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FBMNJL	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
FBMTUN	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	NA
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	NA	NA	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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 4 - STR Results

FBZHW2	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FDB6VF	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FGTHDH	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
FH2E3R	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FKPALE	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
FLP6BC	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
FRCR7H	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

FVU8HU	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
FW2ERA	GlobalFiler™ PCR Amplification Kit					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FY6C2H	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
FY9RHN	GlobalFiler™					
	(13),14,17.3	19,20,(25)	(10),11,14	14,15,(16)	(10),(11),12,13	
4	(8),(9),10,12	10,13,(14)	13,(14),15,(17)	16,(17),(18),19	8,11	11,13
	(13),(16),17,18	12,14,(15)	30,33.2	11,14,(15),(16)	X,(Y)	11,(12),13
	(21),22,23			21.2,26.2,(31.2)	(7),8,10	9,10,11
	14,(15),16,(19)	11			2	
G4LWPH	PowerPlex® Fusion					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
G6YC8Q	Identifiler® Plus, MiniFiler					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
G7NPP9	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,15,17	16,17,19	8,11	11,13
	13,17,18	12,14	30,33.2	11,14,15,16	X,Y	11,13
	22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,16,19	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

G8EZE	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GCUA9	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GHKJ8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GK6PC2	NGM SElect					
	13,14,17,3	19,20,25	10,11,14	14,15,16		
4		10,13,14	13,14,15,17	16,17,18,19		11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,[Y]	
	21,22,23			21.2,26.2,31.2	7,8,10	
	14,15,16,19					
GK8FK6	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GKNMUT	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
GLJA7W	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

GN8L73	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GNL8F4	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GPK63T	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GQCEVU	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GQE2D9	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GV8627	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
GWXCKG	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

GXR6V	Investigator® 24plex QS					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
GZ2Z4D	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
H3M4DW	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
H4ARLP	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
H4E6B8	GlobalFiler™					
	13,14,[17.3]	19,[20],25	[10],11,[14]	[14],15,[16]	10,11,12,13	
4	8,9,10,[12]	10,13,[14]	13,14,[15],17	16,17,[18],19	8,[11]	11,[13]
	13,16,17,18	[12],14,15	30,33.2	11,14,15,16	X,[Y]	[11],[12],13
	21,22,[23]			21.2,26.2,[31.2]	7,8,10	9,[10],[11]
	14,15,16,19	11			2	
H678Z9	GlobalFiler™ PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
H7KMFU	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

H8EF78	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
HA9YEZ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HEC6NB	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
HFR9FH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HGHNRY	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HGZGMG	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
HHVZQ4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

HM7D93	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HNLCQ7	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HNM3YA	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HPF3VK	PowerPlex® Fusion 6C (STRmix v2.5)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
HPUP88	GlobalFiler™					
	[13],14,[17.3]	19,[20],[25]	10,11,[14]	[14],15,16	10,11,12,13	
4	[8],9,10,12	[10],13,[14]	13,14,15,[17]	16,17,18,[19]	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	[11],[12],13
	[21],22,[23]			21.2,26.2,31.2	[7],8,[10]	9,[10],[11]
	14,15,16,19	11			2	
HQPCHQ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
HZHHJ6	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

J32UVE	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
J3DQ36	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
J49EDN	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
J6RV23	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
JEV7AD	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
JN2BZA	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
JQA2PD	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

JTBDZJ	GlobalFiler™					
	13,14,17,3	19,20,[25]	[10],11,14	14,15,16	10,11,12,13	
4	[8],[9],10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,[13]
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	[21],22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,15,16,19	11			2	
JUM4EU	GlobalFiler™					
	13,14,17,3	19,20,[25]	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,[17],18,19	8,11	11,13
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,[16]	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	[7],8,10	9,10,11
	14,[15],16,[19]	11			2	
JUM7X8	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,11	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
JVE4B6	GlobalFiler™					
	13,14,17,3	19,20,[25]	10,11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,[12],13
	21,22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	[11]			[2]	
JVHQNC	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
JWAH34	GlobalFiler™					
	13,14,17,3	19,20,[21],25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
JY3JZF	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

JYDHWA	PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
KC3J7P	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
KGT8P2	GlobalFiler™					
	[13],14,17.3	19,20,25	[10],11,14	14,15,[16]	[10,11],12,13	
4	[8,9],10,12	10,13,[14]	13,[14],15,[17]	16,[17,18],19	8,11	11,13
	[13,16],17,18	12,14,[15]	30,33.2	11,14,[15,16]	X,[Y]	11,[12],13
	[21],22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]				2	
KK9NWK	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
KPBKNZ	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
KQJP4A	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
KT97BW	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

KTAVKZ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
KVX8J7	Identifiler® Plus (STR-mix)					
		19,20,(25)		14,15,(16)	(10),(11),12,13	
4	(8),(9),10,12	10,13,(14)			8,11	11,13
	(13),(16),17,18	12,14,(15)	30,33.2		X,X,(Y)	11,(12),13
	(21),22,23				(7),8,10	9,10,11
	14,(15),16,(19)					
KYFK4T	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
KYUVMW	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
L2ULJX	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
L2YY8T	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
L6HXJ3	GlobalFiler™					
	13,14,17,3	19,20,25	[10],11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,12,13
	[21],22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	[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

L6M9ML	Identifiler® Plus, MiniFiler, ID+ (LCN)					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
L8J7KR	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
L8Q47P	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
LBHK7W	PowerPlex® Fusion 5C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
LBL27F	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
LCXLBJ	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
LE6VQV	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

LGC9EP	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
LKUERQ	Investigator® 24plex (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
LKW394	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
LLMDXC	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
LLN37F	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
LNVD64	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
LRVNYH	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

LTLVE9	PowerPlex® Fusion 6C (STRmix v2.6.1)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
LUXRJD	GlobalFiler™					
	13,14,17,3	19,20,[25]	10,11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,14	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,12,13
	21,22,23			21.2,26.2,[31.2]	7,8,10	9,10,11
	14,[15],16,[19]	[11]			[2]	
LYM9V4	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
LZJRVK	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	ND
4	8,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,17,18	12,14	30,33.2	11,14,15,16	X,Y	11,12,13
	22,23	ND	ND	21.2,26.2,31.2	7,8,10	9,10,11
	14,16,19	11	ND	ND	2	
M2CZKF	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
M38HKV	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
M3PM3U	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23,24			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

M8XQ8B	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
MAQRYK	PowerPlex® 21 (STRmix)					
	13,14,17.3	19,20,25		14,15,16	10,11,12,13	11,12,23
4	8,9,10,12	10,13,14		16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19					
MJQGN9	PowerPlex® Fusion 5c					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
ML6P4N	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
MN66AQ	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,[17]	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
MPGLM4	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
MPW682						
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

MR8R29	Identifiler® Plus, NGM					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
MRAFK9	PowerPlex® Fusion 6C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
MXF442	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
MZ4F48	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
N276CT	GlobalFiler™					
	[13],14,17.3	19,20,[25]	[10],11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,12,13
	[21],22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	[11]			[2]	
N3M26T	PowerPlex® Fusion (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
N3NRDW	GlobalFiler™ (STRmix (Ignoring TPOX))					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

N69YE6	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
N8Y6VW	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
NCBX49	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NCURQ4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NEG99P	GlobalFiler™					
	13,14,17,3	19,20,[25]	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NEU8X7	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NEYJK3	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

NF9A7Z	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NFT6EU	PowerPlex® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	
	14,15,16,19	11				
NGMVHM	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NGMVJ9	GlobalFiler™ (STRmix)					
	13,14,17,3	18,19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,12,13,14	13,14,15,17	16,17,18,19	8,11	10,11,13
	13,16,17,18	12,14,15	29,30,32.2,33.2	11,14,15,16	X,Y	11,12,13
	20,21,22,23			21.2,25.2,26.2,30.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NHCAZ7	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
NQRTHJ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NTDPRV	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

NTEKGT	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NU7LE4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NUQ76A	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NVNGZC	PowerPlex® Fusion 5C, GlobalFiler™ Express (TrueAllele)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NWHFZW	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NXAAXZ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
NYZJM9	PowerPlex® Fusion 6C					
	[13],14,17,3	19,20,[25]	[10],11,14	14,15,[16]	[10,11],12,13	
4	[8,9],10,12	10,13,[14]	13,[14],15,[17]	16,[17,18],19	8,11	11,13
	[13,16],17,18	12,14,[15]	30,33.2	11,14,[15,16]	X,[Y]	11,[12],13
	[21],22,23	5,8,[11,13]	[7],12,[13]	21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	[11]	[18]	[19]		

TABLE 2

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

Item 4 - STR Results

NZYLX7	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
P23TFP	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
P3FCBF	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
P3YFP8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
P4VTCZ	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
P67F9T	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
P936MF	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

P9PGFL	GlobalFiler™ (STRMix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PA3ZCD	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
PBTAAK	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PD2DZ3	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PGF9FZ	Identifiler® Fusion 5C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
PL8K9B	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PLEDHK	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

PM8DFV	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PNZ8CZ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PPAAYY	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PPBBHB	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
PPPH28	Investigator® 24plex					
	13,14,17,3	19,20,25	10,11,13,3,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
PPR8AB	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
PTD8AQ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

PTT42Q	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PUNRFF	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PVHMUB	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PWCH6Q	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PWTNGA	GlobalFiler™					
	[13],14,[17.3]	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,[Y]	11,12,13
	[21],22,[23]			21.2,26.2,31.2	[7],8,[10]	9,[10],[11]
	14,15,16,19	11			2	
PYZU4W	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
PZRZCA	PowerPlex® 21					
	13,14,17,3	19,20,25		14,15,16	10,11,12,13	11,12,23
4	8,9,10,12	10,13,14		16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,[Y]	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19					

TABLE 2

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

Item 4 - STR Results

Q2E2TH	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
Q48NW8	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
Q79VT6	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
Q7WUCX	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
Q88VYW	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
QEMJQC	GlobalFiler™ (Bullet (eDNA))					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
QEP79Q	GlobalFiler™					
	13,14,17,3	19,[20],[25]	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,[10],[11]
	14,15,16,19	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

QFZ9WB	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
QGDVEP	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
QGZ8DX	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
QH3E8A	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	-
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	-	-	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	-	-	2	
QH62NN	Investigator® 24plex QS					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	n/a
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,12,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	n/a	n/a	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	n/a	n/a	n/a	
QJ28DU	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
QJMQEV	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

QLQQ7F	PowerPlex® Fusion					
	13,14,17,3	19,[20],25	10,11,[14]	[14],15,16	10,11,12,13	
4	8,9,10,12	[10],13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,[23]	5,8,11,13	7,12,13		7,8,10	9,[10,11]
	14,15,16,19	11				
QMMYH7	PowerPlex® ESI 16 FAST					
	13,14,17,3	19,20,25	10,11,14	14,15,16		
4		10,13,14	13,14,15,17	16,17,18,19		11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	
	21,22,23				7,8,10	
	14,15,16,19					
QTP9KR	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
QYGBW4	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
QZ6R6Q	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
QZCU2Q	GlobalFiler™ (STRmix 2.6.1)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
R2ZMDL	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	[7],8,[10]	9,10,11
	14,15,16,19	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

R3AYKP	PowerPlex® Fusion5C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
R46DFU	Investigator® 24plex QS (STRmix v2.6.3)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
R83UTN	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
R8NG37	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
R9UY3M	Identifiler®, Investigator® 24plex QS					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	N/A
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	N/A	N/A	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	N/A	N/A	N/A	
RAUUPY	GlobalFiler™ (STRmix 2.4)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RCFNKE	PowerPlex® Fusion					
	13,14,[17.3]	19,[20],[25]	[10],11,[14]	14,15,[16]	10,11,12,13	
4	8,9,10,12	10,13,[14]	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,[23]	5,8,11,13	[7],12,[13]		7,8,[10]	9,[10],[11]
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

RCV86C	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RD7XF2	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
REHJ73	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
REMU92	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RFVDNN	PowerPlex® Fusion 5C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
RGDZNR	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
RGTBNK	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

RJKBKV	Investigator® 24plex QS (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
RJWBHP	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RL4E88	GlobalFiler™ (STRmix v2.4.06)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RMKMGV	Investigator® 24plex QS (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
RRB7CX	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RT32Y7	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RVC6V4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

RVWNW4	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RVD7VZ	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
RZ2QFB	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
RZ746T	GlobalFiler™ (STRmix 2.4)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
T2WPA4	GlobalFiler™ (STRmix V2.5.11)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
T3NP8E	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
T6VWVL	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

T8J8VR	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TA8QV4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TALAF2	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
TB2RGL	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TBEBCC	PowerPlex® Fusion (TrueAllele)					
	13,14,[17.3]	19,[20],[25]	10,11,14	14,15,[16]	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	[21],22,23	5,8,11,13	[7],12,[13]		[7],8,10	9,[10],[11]
	14,15,16,19	11				
TBM66Y	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TCE73A	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

TCVFB	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TDP4FR	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TEDL9C	PowerPlex® Fusion (TrueAllele)					
	13,14,[17.3]	19,[20],25	10,11,[14]	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,[18]	[12],14,15	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,[10]	9,[10],[11]
	14,15,16,19	11				
TEHWDV	PowerPlex® Fusion 6C (STRmix)					
	13,14,[17.3]	19,20,[25]	10,11,14	14,15,[16]	10,11,12,13	
4	8,9,10,12	10,13,[14]	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,[23]	5,8,11,13	[7],12,[13]	21.2,26.2,[31.2]	7,8,[10]	9,[10],[11]
	14,15,16,19	11	18	19		
TG79C2	GlobalFiler™ (STRMIX)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TGR2QK	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TJUPJN	PowerPlex® Fusion 5C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

TKL3NR	PowerPlex® ESIFast 16					
	[13],14,[17.3]	19,[20,25]	[10],11,[14]	14,15,[16]		
4		[10],13,[14]	13,14,15,17	16,17,18,19		11,[13]
	13,16,[17,18]	[12],14,[15]	30,33.2	11,14,15,16	X,Y	
	21,22,[23]				[7],8,[10]	
	14,15,16,19					
TNL8JL	GlobalFiler™					
	[13],14,[17.3]	19,[20,25]	10,11,14	14,15,16	10,11,12,[13]	
4	8,[9],10,12	10,13,14	[13,14],15,[17]	[16,17,18,19]	8,11	11,[13]
	13,16,17,18	12,14,15	30,33.2	[11],14,15,[16]	X,Y	[11,12],13
	21,22,23			21.2,26.2,31.2	7,8,[10]	9,[10,11]
	[14,15,16,19]	11			2	
TQV2FL	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
TTJHRE	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,[31.2]	7,8,10	9,10,11
	14,15,16,19	11			2	
TUAWX4	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
TUBNVC	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
TV6HQU	Identifiler® Plus					
		19,20,25		14,15,16	12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,18	12,14	30,33.2		X,X,Y	11,12,13
	22,23				7,8,10	9,10,11
	14,15,16,19					

TABLE 2

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

Item 4 - STR Results

TWX9WA	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
U7HYW7	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
UAKW8Y	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
UBELU2	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
UCPAA8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
UCRYD4	GlobalFiler™ (STRmix V2.4)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
UF4A4D	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

UF8MUU	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
UFCXXD	Identifiler® Plus, MiniFiler (STRmix 2.7.0)					
		19,20,[25]		14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]			8,11	11,[13]
	[13],[16],17,18	12,14,[15]	30,33.2		X,[Y]	11,[12],13
	[21],22,23				[7],8,[10]	9,10,11
	14,[15],16,[19]					
UJ9QM3	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ULX44Y	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ULZP2Z	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
UMBRNY	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
UMN7AM	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

UMU96M	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
UPZTTM	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
URP6TT	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
UU89E6	GlobalFiler™ (STRmix v. 2.4.06)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	-
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	-	-	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	-	-	2	
UYHLW4	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
V2AVRQ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
V3XDKB	PowerPlex® Fusion (TrueAllele)					
	13,14,17,3	19,[20],25	[10],11,14	14,15,16	10,11,12,13	
4	8,9,10,12	[10],13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,[Y]	[11],12,13
	21,22,[23]	5,8,11,13	7,12,13		7,8,[10]	9,[10],[11]
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

V4UMX2	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
V7YHEJ	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
V8RBA2	GlobalFiler™ PCR Amplification kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
V9LYQC	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VBDX6A	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VD3CGR	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VDJBUN	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				

TABLE 2

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

Item 4 - STR Results

VFLF43	PowerPlex® ESX17 and PPHS16					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
VFPVKA	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VHF3ZZ	GlobalFiler™					
	[13],14,17.3	19,20,[25]	[10],11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	XX,[Y]	11,[12],13
	[21],22,23			21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	[11]			[2]	
VKH6KA	PowerPlex® Fusion (TrueAllele)					
	13,14,[17.3]	19,20,25	10,11,[14]	[14],15,16	10,11,12,13	
4	8,9,10,12	[10],13,14	13,14,[15],17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,15	30,33.2	11,14,15,16	X,[Y]	[11],12,13
	21,22,[23]	5,8,11,13	7,12,13		[7],8,[10]	9,[10],[11]
	14,15,[16],19	11				
VKHZA8	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
VKLFNU	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VTPWVQ	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

VTV7RW	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VWAQP6	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	-
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	-	-	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	-	-	2	
VXAKWQ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VXKJTK	GlobalFiler™ (STRMix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VXKN4M	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VYEEA2	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
VYF88A	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

VZ9Z3T	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VZCP3J	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
VZQWNZ	PowerPlex® Fusion 5c					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
VZVB22	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
W2MUEL	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
W9HPFQ	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
W9Y69Y	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

WBMG96	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,9,10	9,10,11
	14,15,16,19	11	18	19		
WDWK3F	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
WENKZQ	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
WJ4TNQ	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
WNBQW	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
WNYMLR	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
WP3JN8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

WREEAY	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
WT3VJ8	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
WU3Q96	PowerPlex® Fusion 6C					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
WWUHMW	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
WZ8PKU	Investigator® 24plex					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
WZNJMP	PowerPlex® Fusion (TrueAllele)					
	13,14,17,3	19,[20,25]	10,11,[14]	[14],15,[16]	10,11,12,13	
4	8,9,10,12	10,13,[14]	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	12,14,[15]	30,33.2	11,14,15,16	X,[Y]	[11,12],13
	21,22,23	5,8,11,[13]	7,12,13		[7],8,[10]	9,[10,11]
	14,15,16,19	11				
X2JGGH	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

X4P36H	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
X6DKX3	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
X6G8EG	Identifiler®, Investigator® 24plex QS					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	n/a
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	n/a	n/a	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	n/a	n/a	n/a	
X7DE4N	GlobalFiler™					
	13,14,17,3	19,20,[25]	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	[7],8,10	9,10,11
	14,15,16,19	11			2	
X83WW9	PowerPlex® ESI FAST (EuroForMix v3.0.3)					
	13,14,17,3	19,20,25	10,11,14	14,15,16		
4		10,13,14	13,14,15,17	16,17,18,19		11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	
	21,22,23				7,8,10	
	14,15,16,19					
X87EWT	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
XCC646	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

XCXN66	GlobalFiler™ (eDNA Bullet)					
		13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11			2	
XFGQXW	GlobalFiler™ (STRmix)					
		13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11			2	
XG786J	Investigator® 24plex QS (STRmix)					
		13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11				
XH49FG	GlobalFiler™					
		13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	[7],8,10 9,10,11
	14,15,16,19	11			2	
XKQVMB	GlobalFiler™					
		13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	11			2	
XKV9DT	Identifiler® Plus					
			19,20,25		14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14			8,11 11,13
		13,16,17,18	12,14,15	30,33.2		X,X,Y 11,12,13
		21,22,23				7,8,10 9,10,11
	14,15,16,19					
XL3JCG	GlobalFiler™					
		13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13
	4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11 11,13
		13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y 11,12,13
		21,22,23			21.2,26.2,31.2	7,8,10 9,10,11
	14,15,16,19	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

XMEH7Q	PowerPlex® Fusion 6C (STRmix)					
	[13],14,17.3	19,20,[25]	[10],11,14	14,15,[16]	[10],[11],12,13	
4	[8],[9],10,12	10,13,[14]	13,[14],15,[17]	16,[17],[18],19	8,11	11,13
	[13],[16],17,18	12,14,[15]	30,33.2	11,14,[15],[16]	X,[Y]	11,[12],13
	[21],22,23	5,8,[11],[13]	[7],12,[13]	21.2,26.2,[31.2]	[7],8,10	9,10,11
	14,[15],16,[19]	11	18	19		
XN7J42	PowerPlex® Fusion					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
XPRVBM	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
XR66ZE	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
XT6XQQ	PowerPlex® Fusion 5C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
XTKW9V	Investigator® 24plex					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
XXWZYX	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

XZNYDV	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
Y2A67Q	GlobalFiler™					
	[13],14,[17.3]	19,[20],[25]	[10],11,[14]	[14],15,[16]	10,11,12,13	
4	8,9,10,12	[10],13,14	13,14,15,17	16,17,18,[19]	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	[11],12,13
	[21],22,[23]			[21.2],26.2,31.2	[7],8,[10]	9,[10],[11]
	14,15,16,[19]	11			2	
Y2DQJY	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
Y2UPWW	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
Y37RFA	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
Y9BJRT	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YANT6Y	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		

TABLE 2

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

Item 4 - STR Results

YJAAEL	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YLLP9L	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YMTCFY	PowerPlex® Fusion					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
YQC924	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
YTZK2A	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YUBPEX	GlobalFiler™ PCR Amplification Kit					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YUDCXW	GlobalFiler™ (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

YV6DV9	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YVMABE	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YW4BCV	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
YXWCA7	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YY7DV6	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
YY89K3	PowerPlex® Fusion 6C (STRmix)					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
YYBLAK	GlobalFiler™					
	13,14,17,3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

YYK3XH	PowerPlex® Fusion 5C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
Z2NVQV	PowerPlex® Fusion 5C					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11				
Z7Y99U	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ZA3WXH	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ZBUYE6	PowerPlex® Fusion (TrueAllele)					
	13,14,[17.3]	19,[20],[25]	10,11,[14]	[14],15,[16]	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,[11]	11,[13]
	13,16,17,18	[12],14,[15]	30,33.2	11,14,15,16	X,[Y]	11,12,13
	21,22,[23]	5,8,11,13	7,12,13		7,8,10	9,[10],[11]
	14,15,16,19	11				
ZBVN4W	GlobalFiler™ (STRmix)					
	13,14,17.3	18,19,20,25	10,11,14	13,14,15,16	10,11,12,13	
4	8,9,10,12	9,10,12,13,14	12,13,14,15,17	16,17,18,19	8,11	10,11,13
	13,16,17,18	12,13,14,15	29,30,32.2,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,25.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ZDMJTQ	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

ZFPP4P	Identifiler® Plus					
		19,20,25		14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,X,Y	11,12,13
	21,22,23				7,8,10	9,10,11
	14,15,16,19					
ZFU2QL	Investigator® 24plex QS (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				
ZKKFA2	PowerPlex® Fusion 6C (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13	21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11	18	19		
ZM8XRL	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ZM9WKU	GlobalFiler™ (STRmix)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	
ZQRRL2	PowerPlex® Fusion					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	INC				
ZWHF6D	GlobalFiler™					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	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

ZYZJQP	GlobalFiler™ PCR Amplification Kit (GeneMapper ID-X 1.6)					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11			2	

TABLE 2

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

Item 4e - STR Results

3DRZTT Identifiler®

4e	

9NZJXJ	Investigator® 24plex					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	
4e	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23			21.2,26.2,31.2	7,8,10	9,10,11
	14,15,16,19	11				

VZA3L6	PowerPlex® Fusion, 21, VERIFILER Express					
	13,14,17.3	19,20,25	10,11,14	14,15,16	10,11,12,13	11,12,23
4e	8,9,10,12	10,13,14	13,14,15,17	16,17,18,19	8,11	11,13
	13,16,17,18	12,14,15	30,33.2	11,14,15,16	X,Y	11,12,13
	21,22,23	5,8,11,13	7,12,13		7,8,10	9,10,11
	14,15,16,19	11			2	

TABLE 2

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

Item 4sp - STR Results

3DRZTT	Identifiler®					
		19,20,25		14,15,16	10,11,12,13	
4sp	8,9,10,12	10,13,14			8,11	11,13
	13,16,17,18	12,14,15	30,33.2		X,Y	11,12,13
	21,22,23				8,10	9,10,11
	14,15,16,19					
9NZJXJ	Investigator® 24plex					
	NR	NR	NR	NR	NR	
4sp	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR
	NR			NR	NR	NR
	NR	NR				
VZA3L6	PowerPlex® Fusion, 21, VERIFILER Express					
4sp						

YSTR Amplification Kit(s) & Results

TABLE 3

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

Item 1 - YSTR Results

482AK3									
1									ND
77FBGP Yfiler™, PowerPlex® Fusion 5C									
1	NR	NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
7AKPH2 Yfiler™ Plus									
1	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND		ND	ND	ND	ND		ND
9U3PDM Yfiler™ Plus									
1	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
F2WBFF Yfiler™									
1									
F8MKPE Yfiler™									
1		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
NEU8X7 Yfiler™ Plus									
1	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
	Not Analyzed	Not Analyzed		Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed		Not Analyzed
NHCAZ7 Yfiler™									
1		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
NVNGZC Yfiler™									
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
R9UY3M Yfiler™									
1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TABLE 3

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

Item 1 - YSTR Results

RT32Y7	Yfiler™ Plus								
1	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
	neg.	neg.		neg.	neg.	neg.	neg.		neg.
YQC924	Yfiler™								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

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									
27H6LE	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
28ABWD	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10		13
29MVNN	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
2BB8NU	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
2BPX9X	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
2HCEBA	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
2LX944	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
2M8DJD	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
2NHE6C	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
2QPG6P	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
3DFE7C	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13

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									
3E366W	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
3E8DJB	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
3GR9X3	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
3J4YAT	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
3ND8QW	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
3UKTHZ	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
3XJ4EZ	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
439YWJ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
46DNX8	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
46GBEK	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
479CCW	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13

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

482AK3									
2									11
<hr/>									
4ATWNR	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
4B392M	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
4V8TV2	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
<hr/>									
64NHGG	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
64ZEML	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
<hr/>									
677L4T	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6DP3JA	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6G987K	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6MC4ZJ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6NM7LH	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
6QWXTD	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
6TZN2D	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
6ZLGEY	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
74FX8J	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
7669VQ	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
76P64J	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
77FBGP	Yfiler™, PowerPlex® Fusion 5C								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
79DG9G	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
7AKPH2	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
7KJGWU	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
7KL7ZQ	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

88T3EC	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
8JP7FK	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
8VFZQT	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
8ZE8J4	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
96L749	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
9BMGCL	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
9J7KNV	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
9MHKM8	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
9U3PDM	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
A3RTZF	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
A6F6ZL	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

A7R4UV	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ABNLE2	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
AL832G	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
AW44MX	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
AWJGXN	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
B9VYBC	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
BFA33C	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BLLND4	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BLZHMC	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BMEPAE	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
BQXY4D	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
BUBGH9	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
C9BTDY	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10	13	
CCLXWL	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
CDGFXM	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
CDMQWE	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
CEXM9B	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
CJC2D6	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
CK47M3	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10	13	
CM6CZN	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
CPXZMP	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10	13	
CU7JKH	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13

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										
CVLXUD	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
D26NUD	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
D3WNRN	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
		15	12	12	19	17	18		22	
		12	13	18	19		23	10	13	
D4VM9C	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
D8U2V2	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
DADZ6P	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
		15	12	12	19	17	18		22	
		12	13	18	19		23	10	13	
DC6Z6L	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
		15	12	12	19	17	18			
							23		13	
E3C8CL	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
		15	12	12	19	17	18			
							23		13	
E88283	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
E963GZ	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
EAW4EB	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
		15	12	12	19	17	18		22	
		12	13	18	19		23	10	13	

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									
EGUZVL	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
ENTHE6	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
F2F64W	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
F2WBFF	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
F78E84	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
F8MKPE	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
F8NDP8	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
F9Z2BT	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
FBMNJL	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10		13
FBMTUN	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	NA	18	19	24	23	NA	13
FKPALE	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10		13

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

FLP6BC	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
FT6NUB	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
FW2ERA	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
G6YC8Q	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
G7NPP9	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
G8EZEZ	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
GHKVJ8	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
GLJA7W	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
GQE2D9	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
H3M4DW	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
H678Z9	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
H7KMFU	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
HA9YEZ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
HFR9FH	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
HNLCQ7	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
HZHHJ6	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
JTBDZJ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
JUM4EU	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
JVHQNC	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
JWAH34	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
KT97BW	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
KVX8J7	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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										
KYFK4T	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
L2ULJX	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23		13	
L2YY8T	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23		13	
L6M9ML	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
LKW394	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
LLMDXC	Yfiler™ Plus PCR Amplification Kit									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
LNVD64	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
LTLVE9	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18		22	
		12	13	18	19		23	10	13	
LYM9V4	Yfiler™ Plus PCR Amplification Kit									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
M2CZKF	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18		22	
		12	13	18	19		23	10	13	
MA64V4	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18		22	
		12	13	18	19		23	10	13	

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									
MAQRYK	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
MN66AQ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
MR8R29	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
MXF442	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
N8Y6VW	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
NCBX49	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NEG99P	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NEU8X7	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NEYJK3	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NF9A7Z	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NHCAZ7	Yfiler™ Plus								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13

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									
NUQ76A	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NVNGZC	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
NWHFZW	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NXAAXZ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NYZJM9	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
P23TFP	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
P4VTCZ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
P7YJL2	Yfiler™ Plus								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
PA3ZCD	PowerPlex® Y PP23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
PBTAAK	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PM8DFV	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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										
PNZ8CZ	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
PPAAYY	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
PTD8AQ	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
PTT42Q	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23		13	
PUNRFF	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
PWCH6Q	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
PWTNGA	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
PZRZCA	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18		22	
		12	13	18	19		23	10	13	
Q79VT6	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
Q88VYW	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23		13	
QE99YY	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	

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									
QEP79Q	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
QFZ9WB	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
QGDVEP	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
QGZ8DX	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
QH3E8A	Yfiler™								
2	-	14	11,16	14	31	24	11	13	13
	15	12	12	19	-	17	18	-	-
	-	-	-	-	-	-	23	-	13
QJ28DU	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
R2ZMDL	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
R3AYKP	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
R83UTN	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
R9UY3M	Yfiler™								
2	N/A	14	11,16	14	31	24	11	13	13
	15	12	12	19	N/A	17	18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
RCV86C	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

RFVDNN	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
RGDZNR	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
RGTBNK	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
RRB7CX	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RT32Y7	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RVC6V4	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RVWNW4	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RZ2QFB	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
RZ746T	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
T6VWWL	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TALAF2	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	

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									
TBEBCC	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
TCVFB	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
TDP4FR	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TEDL9C	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
TG79C2	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TGR2QK	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TJUPJN	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
TNL8JL	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TT4CEA	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TUBNVC	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
TV6HQU	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
U7HYW7	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
UCRYD4	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
URP6TT	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
UU89E6	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	-	18	19	24	23	-	13
V3XDKB	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
V8RBA2	Yfiler™ Plus PCR Amplification kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VD3CGR	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VDJBUN	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
VFLF43	Yfiler™								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
VHF3ZZ	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VKH6KA	PowerPlex® Y 23								
2	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	

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										
VKLFNU	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
VWAQP6	Yfiler™									
2	-	14	11,16	14	31	24	11	13	13	
	15	12	12	19	-	17	18	-	-	
	-	-	-	-	-	-	23	-	13	
VXAKWQ	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
VXKJK	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23		13	
VZ9Z3T	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
VZA3L6	Yfiler™ Plus, PowerPlex® Y 23									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12	13	18	19	24	23	10	13	
VZCP3J	PowerPlex® Y 23									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18		22	
		12	13	18	19		23	10	13	
VZVB22	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
WDWK3F	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
WENKZQ	Yfiler™ Plus									
2	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12		18	19	24	23		13	
WJ4TNQ	Yfiler™									
2		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23		13	

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									
WNYMLR	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WP3JN8	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WT3VJ8	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WWUHMW	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WZNJMP	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
X2JGGH	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
X4P36H	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
X6DKX3	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
X6G8EG	Yfiler™								
2	n/a	14	11,16	14	31	24	11	13	13
	15	12	12	19	n/a	17	18	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	23	n/a	13
X7DE4N	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
X83WW9	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
X87EWT	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XCXN66	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XG786J	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XH49FG	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XKV9DT	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XL3JCG	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XN7J42	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
XRB6ZE	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XXWZYX	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
Y9BJRT	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YJAAEL	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

YLLP9L	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YQC924	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
YUBPEX	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YVMABE	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZA3WXH	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZBUYE6	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
ZFPP4P	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZKKFA2	PowerPlex® Y 23								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
ZQRR2	Yfiler™								
2		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
ZWHF6D	Yfiler™ Plus								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZYZJQP	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

3E366W	Yfiler™								
3	-	-	-	-	-	-	-	-	-
46DNX8	PowerPlex® Y 23								
3	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
482AK3	ND								
77FBGP	Yfiler™, PowerPlex® Fusion 5C								
3	NR	NR, NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
7AKPH2	Yfiler™ Plus								
3	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
9U3PDM	Yfiler™								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
F2WBFF	Yfiler™								
3									
F9Z2BT	Yfiler™ Plus								
3									
MA64V4	PowerPlex® Y 23								
3	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results
NEU8X7	Yfiler™ Plus								
3	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
NVNGZC	Yfiler™								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

TABLE 3

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

Item 3 - YSTR Results

RT32Y7	Yfiler™ Plus								
3	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.
	neg.	neg.		neg.	neg.	neg.	neg.		neg.
RVWNW4	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
VHF3ZZ	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
YQC924	Yfiler™								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Amplification Kit									
	Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 4 - YSTR Results										
27H6LE	Yfiler™									
4		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23			13
28ABWD	PowerPlex® Y 23									
4		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			22
		12	13	18	19		23	10		13
29MVNN	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11		22
	36	12		18	19	24	23			13
2BB8NU	Yfiler™									
4		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23			13
2BPX9X	Yfiler™									
4		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23			13
2HCEBA	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11		22
	36	12		18	19	24	23			13
2LX944	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11		22
	36	12		18	19	24	23			13
2M8DJD	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11		22
	36	12		18	19	24	23			13
2NHE6C	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11		22
	36	12		18	19	24	23			13
2QPG6P	Yfiler™ Plus PCR Amplification Kit									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11		22
	36	12		18	19	24	23			13
3DFE7C	Yfiler™									
4		14	11,16	14	31	24	11	13	13	
	15	12	12	19		17	18			
							23			13

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									
3E366W	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
3E8DJB	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
3GR9X3	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
3J4YAT	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
3ND8QW	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
3UKTHZ	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
3XJ4EZ	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
439YWJ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
46DNX8	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
46GBEK	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
479CCW	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13

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

482AK3									
4									11
<hr/>									
4ATWNR	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
4B392M	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
4V8TV2	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
<hr/>									
64NHGG	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
64ZEML	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
<hr/>									
677L4T	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6DP3JA	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6G987K	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6MC4ZJ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
<hr/>									
6NM7LH	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
6QWXTD	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
6TZN2D	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
74FX8J	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
7669VQ	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
76P64J	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
77FBGP	Yfiler™, PowerPlex® Fusion 5C								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
79DG9G	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
7AKPH2	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
7KJGWU	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
7KL7ZQ	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
88T3EC	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13

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									
8JP7FK	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
8VFZQT	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
8ZE8J4	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
96L749	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
9BMGCL	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
9J7KNV	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
9MHKM8	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
9U3PDM	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
A3RTZF	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
A6F6ZL	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
A7R4UV	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
ABNLE2	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
AL832G	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
AW44MX	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
AWJGXN	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
B9VYBC	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
BFA33C	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BLLND4	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BLZHMC	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BMEPAE	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
BQXY4D	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
BUBGH9	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13

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									
C9BTDY	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18	22		
	12	13	18	19		23	10	13	
CCLXWL	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	18	19	24	23		13	
CDGFXM	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
CDMQWE	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	18	19	24	23		13	
CEXM9B	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	18	19	24	23		13	
CJC2D6	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
CK47M3	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18	22		
	12	13	18	19		23	10	13	
CM6CZN	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
CPXZMP	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18	22		
	12	13	18	19		23	10	13	
CU7JKH	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23		13	
CVLXUD	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	18	19	24	23		13	

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

D26NUD									
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
D3WNRN PowerPlex® Y 23									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
D4VM9C Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
D8U2V2 Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
DADZ6P PowerPlex® Y 23									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
DC6Z6L Yfiler™									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
E3C8CL Yfiler™									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
E88283 Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
E963GZ Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
EAW4EB PowerPlex® Y 23									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
EGUZVL Yfiler™									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13

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									
ENTHE6	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
F2F64W	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
F2WBFF	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
F78E84	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
F8MKPE	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
F8NDP8	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
F9Z2BT	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
FBMNJL	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
FBMTUN	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	NA	18	19	24	23	NA	13
FKPALE	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
FLP6BC	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

FT6NUB	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
FW2ERA	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
FY9RHN	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
G6YC8Q	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
G7NPP9	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
G8EZEF	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
GHKVJ8	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
GLJA7W	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
GQE2D9	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
H3M4DW	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
H678Z9	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
H7KMFU	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
HA9YEZ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
HFR9FH	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
HNLCQ7	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
HZHHJ6	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
JTBDZJ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
JUM4EU	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
JVHQNC	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
JWAH34	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
KT97BW	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
KYFK4T	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
L2ULJX	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
L2YY8T	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
L6M9ML	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
LKW394	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
LLMDXC	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
LNVD64	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
LRVNYH	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
LTLVE9	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
LYM9V4	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
M2CZKF	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
MA64V4	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13

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									
MAQRYK	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
MN66AQ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
MR8R29	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
MXF442	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
N8Y6VW	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
NCBX49	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NEG99P	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NEU8X7	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NEYJK3	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NF9A7Z	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NHCAZ7	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13

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

NUQ76A	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NVNGZC	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
NWHFZW	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NXAAXZ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
NYZJM9	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
P23TFP	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
P7YJL2	Yfiler™ Plus								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
PA3ZCD	PowerPlex® Y PP23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
PBTAAK	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PM8DFV	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PNZ8CZ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

PPAAYY	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PTD8AQ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PTT42Q	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
PUNRFF	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PWCH6Q	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PWTNGA	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
PZRZCA									
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
Q79VT6	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
Q88VYW	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
QE99YY	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
QEP79Q	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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										
QFZ9WB	PowerPlex® Y 23									
4	14	11,16	14	31	24	11	13	13		
	15	12	12	19	17	18	22			
	12	13	18	19	23	10	13			
QGDVEP	Yfiler™									
4	14	11,16	14	31	24	11	13	13		
	15	12	12	19	17	18	22			
						23	13			
QGZ8DX	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12	18	19	24	23	13			
QH3E8A	Yfiler™									
4	-	14	11,16	14	31	24	11	13	13	
	15	12	12	19	-	17	18	-	-	
	-	-	-	-	-	-	23	-	13	
QJ28DU	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12	18	19	24	23	13			
R2ZMDL	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12	18	19	24	23	13			
R3AYKP	PowerPlex® Y 23									
4	14	11,16	14	31	24	11	13	13		
	15	12	12	19	17	18	22			
	12	13	18	19	23	10	13			
R83UTN	Yfiler™									
4	14	11,16	14	31	24	11	13	13		
	15	12	12	19	17	18				
						23	13			
R9UY3M	Yfiler™									
4	N/A	14	11,16	14	31	24	11	13	13	
	15	12	12	19	N/A	17	18	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13	
RCV86C	Yfiler™ Plus									
4	35,36	14	11,16	14	31	24	11	13	13	
	15	12	12	19	30	17	18	11	22	
	36	12	18	19	24	23	13			
RFVDNN	PowerPlex® Y 23									
4	14	11,16	14	31	24	11	13	13		
	15	12	12	19	17	18	22			
	12	13	18	19	23	10	13			

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									
RGDZNR	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
RGTBNK	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10		13
RRB7CX	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RT32Y7	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RVC6V4	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RVWNW4	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
RZ2QFB	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			
						23			13
RZ746T	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
T6VWWL	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TALAF2	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10		13
TBEBCC	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18			22
		12	13	18	19	23	10		13

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

TCVFB	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
TDP4FR	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TEDL9C	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
TG79C2	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TGR2QK	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
TJUPJN	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
TNL8JL	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
U7HYW7	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
UCRYD4	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
UFCXXD	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
URP6TT	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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

UU89E6	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	-	18	19	24	23	-	13
V3XDKB	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
V8RBA2	Yfiler™ Plus PCR Amplification kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VD3CGR	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VDJBUN	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
VFLF43	Yfiler™ Plus								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
VHF3ZZ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VKH6KA	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13
VKLFNU	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VWAQP6	Yfiler™								
4	-	14	11,16	14	31	24	11	13	13
	15	12	12	19	-	17	18	-	-
	-	-	-	-	-	-	23	-	13
VXAKWQ	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
VXKJTK	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
VZ9Z3T	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VZCP3J	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
VZVB22	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WDWK3F	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WJ4TNQ	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
WNYMLR	Yfiler™								
4									
WP3JN8	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WT3VJ8	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WWUHMW	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
WZNJMP	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13

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

X2JGGH	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
X4P36H	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
X6DKX3	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
X6G8EG	Yfiler™								
4	n/a	14	11,16	14	31	24	11	13	13
	15	12	12	19	n/a	17	18	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	23	n/a	13
X7DE4N	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
X83WW9	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
X87EWT	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XCXN66	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XG786J	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XH49FG	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XL3JCG	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

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									
XN7J42	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
XR66ZE	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
XXWZYX	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
Y9BJRT	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YJAAEL	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YLLP9L	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YQC924	Yfiler™								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		
							23		13
YUBPEX	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
YVMABE	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZA3WXH	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZBUYE6	PowerPlex® Y 23								
4		14	11,16	14	31	24	11	13	13
	15	12	12	19		17	18		22
		12	13	18	19		23	10	13

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									
ZKKFA2	PowerPlex® Y 23								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
	12	13	18	19		23	10	13	
ZQRR2	Yfiler™								
4	14	11,16	14	31	24	11	13	13	
	15	12	12	19	17	18		22	
						23		13	
ZWHF6D	Yfiler™ Plus								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13
ZYZJQP	Yfiler™ Plus PCR Amplification Kit								
4	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12		18	19	24	23		13

TABLE 3

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

Item 4e - YSTR Results

VZA3L6	Yfiler™ Plus, PowerPlex® Y 23								
4e	35,36	14	11,16	14	31	24	11	13	13
	15	12	12	19	30	17	18	11	22
	36	12	13	18	19	24	23	10	13

TABLE 3

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

Item 4sp - YSTR Results

VZA3L6 Yfiler™ Plus, PowerPlex® Y 23

4sp



Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
F13A01	VZA3L6	7	6,7	7				6,7	
F13B	VZA3L6	6,10	8,10	6,10				6,8,10	
FESFPS	VZA3L6	8,11	11,12	8,11				8,11,12	
LPL	VZA3L6	10	11	10				10,11	
PENTA C	VZA3L6	9,12	10,11	9,12				9,10,11,12	
QS1	7HFWUF	Q	Q	Q			Q		
	R46DFU	Q	Q	Q			Q		
QS2	7HFWUF	S	S	S			S		
	R46DFU	S	S	S			S		

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16124.0	16153.0	16223.0	16291.0	16399.0
ITEM 1					
798AZU	C	A	T	T	
8M4U34	C	A	T	T	
9KBEYK	C	A	T	T	G
9NBKKH	C	A	T	T	
ACZCDK	C	A	T	T	G
F2WBFF	C	A	T	T	
JVDCBC	C	A	T	T	G
LLN37F	C	A	T	T	G
MPHGBF	C	A	T	T	
PPR8AB	C	A	T	T	
PZRZCA	C	A	T	T	G
QEMJQC	C	A	T	T	
R3AYKP	C	A	T	T	
TCVFVB	C	A	T	T	
TUBNVC	C	A	T	T	
ULX44Y	C	A	T	T	G

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

ITEM 2	
9KBEYK	C
ACZCDK	C
JVDCBC	C
LLN37F	C
PZRZCA	C
ULX44Y	C

165119.0

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16124.0	16153.0	16223.0	16291.0	16399.0
ITEM 3					
798AZU	C	A	T	T	G
8M4U34	C	A	T	T	
9KBEYK	C	A	T	T	
9NBKKH	C	A	T	T	
ACZCDK	C	A	T	T	G
F2WBFF	C	A	T	T	
JVDCBC	C	A	T	T	G
LLN37F	C	A	T	T	G
MPHGBF	C	A	T	T	
PPR8AB	C	A	T	T	
PZRZCA	C	A	T	T	G
QEMJQC	C	A	T	T	
R3AYKP	C	A	T	T	
TCVFVB	C	A	T	T	
TUBNVC	C	A	T	T	
ULX44Y	C	A	T	T	G

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16124.0	16153.0	16223.0	16291.0
ITEM 4				
F2WBFF	Y	R	Y	Y

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
798AZU	16024-16387	16024-16387	16024-16569	
8M4U34	16024-16392	16024-16395	16024-16398	
9KBEEK	16024-16569	16024-16569	16024-16391	Inconclusive
9NBKKH	16024-16365	16024-16365	16024-16365	Mixture*
ACZCDK	16024-16569	16024-16569	16024-16569	Inconclusive
F2WBFF	16030-16383	16030-16383	16030-16383	16030-16383
JVDCBC	16024-16569	16024-16569	16024-16569	
LLN37F	16024-16569	16024-16569	16024-16569	
MPHGBF	15998-16390	15998-16390	15998-16390	
PPR8AB	16024-16387	16024-16387	16024-16387	
PZRZCA	16024-16569	16024-16569	16024-16569	
QEMJQC	16019-16374	16019-16374	16019-16374	
R3AYKP	16024-16365	16024-16365	16024-16365	
TCVFVB	15998-16390	15998-16390	15998-16390	
TUBNVC	15998-16390	15998-16390	15998-16390	
ULX44Y	16024-16569	16024-16569	16024-16569	Not processed

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	152.0	263.0	315.0	315.1	523.0	524.0
ITEM 1							
798AZU	G	C	G		C		
8M4U34	G	C	G				
9KBEYK	G	C	G		C INS	A DEL	C DEL
9NBKKH	G	C	G	.1C			
ACZCDK	G	C	G		C INS	A DEL	C DEL
F2WBFF	G	C	G		C		
JVDCBC	G	C	G		C INS	A DEL	C DEL
LLN37F	G	C	G		C	d	d
MPHGBF	G	C	G		C		
PPR8AB	G	C	G		C		
PZRZCA	G	C	G		C		
QEMJQC	G	C	G		C		
R3AYKP	G	C	G	1C			
TCVFVB	G	C	G		C		
TUBNVC	G	C	G		C		
ULX44Y	G	C	G		C INS	A DEL	C DEL

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	152.0	174.0	263.0	309.0	309.1	315.0	315.1
ITEM 2							
798AZU	C	T	G				C
8M4U34	C	T	G				
9KBEYK	C	T	G				C INS
9NBKKH	C	T	G	.1C		.1C	
ACZCDK	C	T	G		N INS		C INS
F2WBFF	C	T	G				C
JVDCBC	C	T	G				C INS
LLN37F	C	T	G				C
MPHGBF	C	T	G				C
PPR8AB	C	T	G				C
PZRZCA	C	T	G				C
QEMJQC	C	T	G				C
R3AYKP	C	T	G	1C		1C	
TCVFVB	C	T	G				C
TUBNVC	C	T	G				C
ULX44Y	C	T	G		N INS		C INS

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	152.0	263.0	315.0	315.1	523.0	524.0
ITEM 3							
798AZU	G	C	G		C	d	d
8M4U34	G	C	G				
9KBEYK	G	C	G		C INS		
9NBKKH	G	C	G	.1C			
ACZCDK	G	C	G		C INS	A DEL	C DEL
F2WBFF	G	C	G		C		
JVDCBC	G	C	G		C INS	A DEL	C DEL
LLN37F	G	C	G		C	d	d
MPHGBF	G	C	G		C		
PPR8AB	G	C	G		C		
PZRZCA	G	C	G		C		
QEMJQC	G	C	G		C		
R3AYKP	G	C	G	1C			
TCVFVB	G	C	G		C		
TUBNVC	G	C	G		C		
ULX44Y	G	C	G		C INS	A DEL	C DEL

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	152.0	174.0	263.0	315.1
ITEM 4					
F2WBFF	R	C	Y	G	C

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
798AZU	46-367	50-367	1-565	
8M4U34	46-393	56-381	66-364	
9KBEEK	1-576	1-576	35-369	Inconclusive
9NBKHH	73-340	73-340	73-340	Mixture*
ACZCDK	1-576	1-576	1-576	Inconclusive
F2WBFF	67-340	67-340	67-340	67-340
JVDCBC	1-576	1-576	1-576	
LLN37F	1-576	1-576	1-576	
MPHGBF	49-402	49-402	49-402	
PPR8AB	46-368	46-368	47-367	
PZRZCA	1-380	1-380	1-380	
QEMJQC	61-385	61-385	62-385	
R3AYKP	73-340	73-340	73-340	
TCVFVB	49-402	49-402	49-402	
TUBNVC	49-402	49-402	49-402	
ULX44Y	1-576	1-576	1-576	Not processed

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
24X9ZA	Yes	Yes	No	Yes	2U7Y9R	Yes	Yes	No	Yes
27H6LE	Yes	Yes	No	Yes	327LWK	Yes	Yes	No	Yes
27HAWG	Yes	Yes	No	Yes	37ZD73	Yes	Yes	No	Yes
28A7JQ	Yes	Yes	No	Yes	3CKV2Q	Yes	Yes	No	Yes
28ABWD	Yes	Yes	No	Yes	3DFE7C	Yes	Yes	No	Yes
28BZ3W	Yes	Yes	No	Yes	3DRZTT	Yes	Yes	No	Yes
29MVNN	Yes	Yes	No	Yes	3E366W	Yes	Yes	No	Yes
29NW82	Yes	Yes	No	Yes	3E8DJB	Yes	Yes	No	Yes
2BB8NU	Yes	Yes	No	Yes	3E8E3N	Yes	Yes	No	Yes
2BPX9X	Yes	Yes	No	Yes	3EULRU	Yes	Yes	No	Yes
2D2D4K	Yes	Yes	No	Yes	3FYDGL	Yes	Yes	No	Yes
2DYMVG	Yes	Yes	No	Yes	3GR9X3	Yes	Yes	No	Yes
2HCEBA	Yes	Yes	No	Yes	3J4YAT	Yes	Yes	No	Yes
2JKV2R	Yes	Yes	No	Yes	3JYLLW	Yes	Yes	No	Yes
2LX944	Yes	Yes	No	Yes	3KU6PJ	Yes	Yes	No	Yes
2M8DJD	Yes	Yes	No	Yes	3MHGNN	Yes	Yes	No	Yes
2MMRT9	Yes	Yes	No	Yes	3MYWFB	Yes	Yes	No	Yes
2NHE6C	Yes	Yes	No	Yes	3ND8QW	Yes	Yes	No	Yes
2Q6Y7A	Yes	Yes	No	Yes	3NXVXJ	Yes	Yes	No	Yes
2Q7Q6G	Yes	Yes	No	Yes	3PMEQ4	Yes	Yes	No	Yes
2QPG6P	Yes	Yes	No	Yes	3QLC8R	Yes	Yes	No	Yes
2RYLKY	Yes	Yes	No	Yes	3RDC63	Yes	Yes	No	Yes

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
3UKTHZ	Yes	Yes	No	Yes	62CR7R	Yes	Yes	No	Yes
3ULM4R	Yes	Yes	No	Yes	64NHGG	Yes	Yes	No	Yes
3WAY3W	No Interp	No Interp	No Interp	No Interp	64ZEML	No Interp	No Interp	No Interp	Yes
3WNG4H	Yes	Yes	No	Yes	677L4T	Yes	Yes	No	Yes
3XJ4EZ	Yes	Yes	No	Yes	67NQLQ	Yes	Yes	No	Yes
3YBZ3U	Yes	Yes	No	Yes	69UFLE	Yes	Yes	No	Yes
439YWJ	Yes	Yes	No	Yes	6ALC9M	Yes	Yes	No	Yes
43TKMN	Yes	Yes	No	Yes	6DP3JA	Yes	Yes	No	Yes
46DNX8	Yes	Yes	No	Yes	6G987K	Yes	Yes	No	Yes
46GBEK	Yes	Yes	No	Yes	6JWH6Q	No Interp	No Interp	No Interp	No Interp
479CCW	Yes	Yes	No	Yes	6M8TVZ	Yes	Yes	No	Yes
47WBWP	Yes	Yes	No	Yes	6MC4ZJ	Yes	Yes	No	Yes
482AK3	Yes	Yes	No	Yes	6NM7LH	Yes	Yes	No	Yes
48MGCF	Yes	Yes	No	Yes	6PE7JT	Yes	Yes	No	Yes
4ATWNR	Yes	Yes	No	Yes	6PZFYN	Yes	Yes	No	Yes
4B392M	Yes	Yes	No	Yes	6QWXTD	Yes	Yes	No	Yes
4B7J77	Yes	Yes	No	Yes	6TZN2D	Yes	Yes	No	Yes
4ENQJ8	Yes	Yes	No	Yes	6URPZA	Yes	Yes	No	Yes
4FJEXW	Yes	Yes	No	Yes	6UTKNM	Yes	Yes	No	Yes
4GCC64	Yes	Yes	No	Yes	6UUE8T	Yes	Yes	No	Yes
4GRQFY	Yes	Yes	No	Yes	6V3QM9	Yes	Yes	No	Yes
4HM9EE	Yes	Yes	No	Yes	6VAP97	Yes	Yes	No	Yes
4V8TV2	Yes	Yes	No	Yes	6VLF64	Yes	Yes	No	Yes
4WKB3D	Yes	Yes	No	Yes	6ZLGEY	Yes	No Interp	No	No Interp

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
72U4C4	Yes	Yes	No	Yes	8JP7FK	Yes	Yes	No	Yes
74FX8J	Yes	Yes	No	Yes	8LQEHA	Yes	Yes	No	Yes
7669VQ	Yes	Yes	No	Yes	8M4U34	Yes	No Interp	No	No Interp
768Y4U	Yes	Yes	No	Yes	8RGLAV	Yes	Yes	No	Yes
76P64J	Yes	Yes	No	Yes	8RW34N	Yes	Yes	No	Yes
76UF84	Yes	Yes	No	Yes	8UNYTH	Yes	Yes	No	Yes
77FBGP	Yes	Yes	No	Yes	8VFZQT	Yes	Yes	No	Yes
798AZU	Yes	Yes	No	Yes	8Y3G9E	Yes	Yes	No	Yes
79DG9G	Yes	Yes	No	Yes	8ZE8J4	Yes	Yes	No	Yes
7AKPH2	Yes	Yes	No	Yes	93XQWL	Yes	Yes	No	Yes
7CDQFC	Yes	Yes	No	Yes	96L749	Yes	Yes	No	Yes
7HFWUF	Yes	Yes	No	Yes	9AUMEH	Yes	Yes	No	Yes
7K3HJW	Yes	Yes	No	Yes	9AYXJ2	Yes	Yes	No	Yes
7KJGWU	Yes	Yes	No	Yes	9BMGCL	Yes	Yes	No	Yes
7KL7ZQ	Yes	Yes	No	Yes	9EBRBR	Yes	Yes	No	Yes
7KNUJQ	Yes	Yes	No	Yes	9EPGCI	Yes	Yes	No	Yes
7QRVNQ	Yes	Yes	No	Yes	9J7KNV	Yes	Yes	No	Yes
7VPC2K	No Interp	No Interp	No Interp	No Interp	9KBEYK	Yes	Inc	No	Inc
82MB3U	Yes	Yes	No	Yes	9MHKM8	Yes	Yes	No	Yes
867KWR	Yes	Yes	No	Yes	9MHPXA	Yes	Yes	No	Yes
88T3EC	Yes	Yes	No	Yes	9NAQW7	Yes	Yes	No	Yes
8CJE8N	Yes	Yes	No	Yes	9NBKKH	Yes	No Interp	No	No Interp
8DZQPT	Yes	Yes	No	Yes	9ND92W	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8FM98D	Yes	Yes	No	Yes	9NWWG7	Yes	Yes		Yes

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
9NZJXJ	Yes	Yes	No	Yes	AL832G	No Interp	No Interp	No Interp	Yes
9Q3CXA	Yes	Yes	No	Yes	AVC69Y	Yes	Yes	No	Yes
9RAWFH	Yes	Yes	No	Yes	AW44MX	Yes	Yes	No	Yes
9RE8K2	Yes	Yes	No	Yes	AWJGXN	Yes	Yes	No	Yes
9U3PDM	Yes	Yes	No	Yes	AYV6J9	Yes	Yes	No	Yes
9VVEZN	Yes	Yes	No	Yes	B3DJT2	Yes	Yes	No	Yes
9VWEX4	Yes	Yes	No	Yes	B4GGWG	Yes	Yes	No	Yes
9WQ2CR	Yes	Yes	No	Yes	B4GL7J	Yes	Yes	No	Yes
A3NHVV	Yes	Yes	No	Yes	B6WKQ9	Yes	Yes	No	Yes
A3RTZF	Yes	Yes	No	Yes	B77TVL	Yes	Yes	No	Yes
A4MFDJ	Yes	Yes	No	Yes	B9VYBC	Yes	Yes	No	Yes
A6F6ZL	Yes	Yes	No	Yes	BFA33C	Yes	Yes	No	Yes
A7BRCP	Yes	Yes	No	Yes	BGMJ9X	Yes	Yes	No	Yes
A7QBWM	Yes	Yes	No	Yes	BH24YM	Yes	Yes	No	Yes
A7R4UV	Yes	Yes	No	Yes	BHZ8VJ	Yes	Yes	No	Yes
A87BFC	Yes	Yes	No	Yes	BLLND4	Yes	Yes	No	Yes
A9G9R9	Yes	Yes	No	Yes	BLZDCA	Yes	Yes	No	Yes
AABYWM	Yes	Yes	No	Yes	BLZHMC	Yes	Yes	No	Yes
ABJBBH	Yes	Yes	No	Yes	BMACKX	Yes	Yes	No	Yes
ABNLE2	Yes	Yes	No	Yes	BMEPAE	Yes	Yes	No	Yes
ACZCDK	Yes	Inc	No	Inc	BPGP4K	Yes	Yes	No	Yes
AENW6A	Yes	Yes	No	Yes	BQXY4D	Yes	Yes	No	Yes
AJF7CM	Yes	Yes	No	Yes	BRPYZN	Yes	Yes	No	Yes
AL7CTD	Yes	Yes	No	Yes	BTKH6B	Yes	Yes	No	Yes

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
BUBGH9	Yes	Yes	No	Yes	CVLXUD	Yes	Yes	No	Yes
BVQ3RB	Yes	Yes	No	Yes	D23TB8	Yes	Yes	No	Yes
BXEERF	Yes	Yes	No	Yes	D26NUD	Yes	Yes	No	Yes
BYKWPC	Yes	Yes	No	Yes	D3WNRN	Yes	Yes	No	Yes
C688DF	Yes	Yes	No	Yes	D4TZRX	Yes	Yes	No	Yes
C6MB6L	Yes	Yes	No	Yes	D4VM9C	Yes	Yes	No	Yes
C8RZ8U	Yes	Yes	No	Yes	D66JV2	Yes	Yes	No	Yes
C9BTDY	Yes	Yes	No	Yes	D6NM7M	Yes	Yes	No	Yes
CA3TBA	Yes	Yes	No	Yes	D8A6N8	Yes	Yes	No	Yes
CCLXWL	Yes	Yes	No	Yes	D8U2V2	Yes	Yes	No	Yes
CCVPY4	Yes	Yes	No	Yes	DADZ6P	Yes	Yes	No	Yes
CDGFXM	Yes	Yes	No	Yes	DAHDU8	Yes	Yes	No	Yes
CDMQWE	Yes	Yes	No	Yes	DC6Z6L	Yes	Yes	No	Yes
CEDWBJ	Yes	Yes		Yes	DEE42H	Yes	Yes	No	Yes
CEWTP6	Yes	Yes	No	Yes	DETC4R	Yes	Yes	No	Yes
CEXM9B	Yes	Yes	No	Yes	DKFK8H	Yes	Yes	No	Yes
CJC2D6	Yes	Yes	No	Yes	DQ2F3U	Yes	Yes	No	Yes
CJC7M8	Yes	Yes	No	Yes	DQ7RRC	Yes	Yes	No	Yes
CK47M3	Yes	Yes	No	Yes	DRL6HU	Yes	Yes	No	Yes
CK7WTL	Yes	Yes	No	Yes	DZBTDW	Yes	Yes	No	Yes
CM6CZN	Yes	Yes	No	Yes	E3C8CL	Yes	Yes	No	Yes
CPXZMP	Yes	Yes	No	Yes	E88283	Yes	Yes	No	Yes
CQ8A9V	Yes	Yes	No	Yes	E963GZ	Yes	Yes	No	Yes
CU7JKH	Yes	Yes	No	Yes	EACPND	Yes	Yes	No	Yes

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
EAW4EB	Yes	Yes	No	Yes	FBMTUN	Yes	Yes	No	Yes
EDA728	Yes	Yes	No	Yes	FBZHW2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
EGUZVL	Yes	Yes	No	Yes	FDB6VF	Yes	Yes	No	Yes
EH7RTA	Yes	Yes	No	Yes	FGTHDH	Yes	Yes	No	Yes
EH7UHE	Yes	Yes	No	Yes	FH2E3R	Yes	Yes	No	Yes
EMK9M8	Yes	Yes	No	Yes	FKPALE	Yes	Yes	No	Yes
EMZMW3	Yes	Yes	No	Yes	FLP6BC	Yes	Yes	No	Yes
ENTHE6	Yes	Yes	No	Yes	FRCR7H	Yes	Yes	No	Yes
ETRYPD	Yes	Yes	No	Yes	FT6NUB	No Interp	No Interp	No	Yes
F2F64W	Yes	Yes	No	Yes	FVU8HU	Yes	Yes	No	Yes
F2WBFF	Yes	Yes	No	Yes	FW2ERA	Yes	Yes	No	Yes
F36K6R	Yes	Yes	No	Yes	FY6C2H	Yes	Yes	No	Yes
F44G43	Yes	Yes	No	Yes	FY9RHN	No Interp	No Interp	No Interp	No Interp
F6X88V	Yes	Yes	No	Yes	G4LWPH	Yes	Yes	No	Yes
F78E84	Yes	Yes	No	Yes	G6YC8Q	Yes	Yes	No	Yes
F8MKPE	Yes	Yes	No	Yes	G7NPP9	Yes	Yes	No	Yes
F8NDP8	Yes	Yes	No	Yes	G8EZEF	Yes	Yes	No	Yes
F9C2PE	Yes	Yes	No	Yes	GCULA9	Yes	Yes	No	Yes
F9VTWD	Yes	Yes	No	Yes	GHKVJ8	Yes	Yes	No	Yes
F9Z2BT	Yes	Yes	No	Yes	GK6PC2	Yes	Yes	No	Yes
FAQ9BV	Yes	Yes	No	Yes	GK8FK6	Yes	Yes	No	Yes
FAR294	Yes	Yes	No	Yes	GKNMUT	Yes	Yes	No	Yes
FB3966	Yes	Yes	No	Yes	GLJA7W	Yes	Yes	No	Yes
FBMNJL	Yes	Yes	No	Yes	GN8L73	Yes	Yes	No	Yes

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
GNL8F4	Yes	Yes	No	Yes	HPUP88	Yes	Yes	No	Yes
GPK63T	Yes	Yes	No	Yes	HQPCHQ	Yes	Yes	No	Yes
GQCEVU	Yes	Yes	No	Yes	HZHHJ6	Yes	Yes	No	Yes
GQE2D9	Yes	Yes	No	Yes	J32UVE	Yes	Yes	No	Yes
GV8627	Yes	Yes	No	Yes	J3DQ36	Yes	Yes	No	Yes
GWXCKG	Yes	Yes	No	Yes	J49EDN	Yes	Yes	No	Yes
GXZR6V	Yes	Yes	No	Yes	J6RV23	Yes	Yes	No	Yes
GZ2Z4D	Yes	Yes	No	Yes	JEV7AD	Yes	Yes	No	Yes
H3M4DW	Yes	Yes	No	Yes	JN2BZA	Yes	Yes	No	Yes
H4ARLP	Yes	Yes	No	Yes	JQA2PD	Yes	Yes	No	Yes
H4E6B8	Yes	Yes	No	Yes	JTBDZJ	Yes	Yes	No	Yes
H678Z9	Yes	Yes	No	Yes	JUM4EU	Yes	Yes	No	Yes
H7KMFU	Yes	Yes	No	Yes	JUM7X8	Yes	Yes	No	Yes
H8EF78	Yes	Yes	No	Yes	JVDCBC	Yes	No Interp	No	No Interp
HA9YEZ	Yes	Yes	No	Yes	JVE4B6	Yes	Yes	No	Yes
HEC6NB	Yes	Yes	No	Yes	JVHQNC	Yes	Yes	No	Yes
HFR9FH	Yes	Yes	No	Yes	JWAH34	Yes	Yes	No	Yes
HGHNRY	Yes	Yes	No	Yes	JY3JZF	Yes	Yes	No	Yes
HGZGMG	Yes	Yes	No	Yes	JYDHWA	Yes	Yes	No	Yes
HHVZQ4	Yes	Yes	No	Yes	K4PLMC	No Interp	No Interp	No Interp	No Interp
HM7D93	Yes	Yes	No	Yes	KC3J7P	Yes	Yes	No	Yes
HNLCQ7	Yes	Yes	No	Yes	KGT8P2	Yes	Yes	No	Yes
HNM3YA	Yes	Yes	No	Yes	KK9NWK	Yes	Yes	No	Yes
HPF3VK	Yes	Yes	No	Yes	KPBKNZ	Yes	Yes	No	Yes

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
KQJP4A	Yes	Yes	No	Yes	LUXRJD	Yes	Yes	No	Yes
KT97BW	Yes	Yes	No	Yes	LYM9V4	Yes	Yes	No	Yes
KTAVKZ	Yes	Yes	No	Yes	LZJRVK	Yes	Yes	No	Yes
KVX8J7	Yes	Yes	No	Yes	M2CZKF	Yes	Yes	No	Yes
KYFK4T	Yes	Yes	No	Yes	M38HKV	Yes	Yes	No	Yes
KYUYMW	Yes	Yes	No	Yes	M3PM3U	Yes	Yes	No	Yes
L2ULJX	Yes	Yes	No	Yes	M8XQ8B	Yes	Yes	No	Yes
L2YY8T	Yes	Yes	No	Yes	MA64V4	No Interp	No Interp	No Interp	Yes
L6HXJ3	Yes	Yes	No	Yes	MAQRYK	Yes	Yes	No	Yes
L6M9ML	Yes	Yes	No	Yes	MJQGN9	Yes	Yes	No	Yes
L8J7KR	Yes	Yes	No	Yes	ML6P4N	Yes	Yes	No	Yes
L8Q47P	Yes	Yes	No	Yes	MN66AQ	Yes	Yes	No	Yes
LBHK7W	Yes	Yes	No	Yes	MPGLM4	Yes	Yes	No	Yes
LBL27F	Yes	Yes	No	Yes	MPHGBF	Yes	No Interp	No	No Interp
LCXLBJ	Yes	Yes	No	Yes	MPW682	Yes	Yes	No	Yes
LE6VQV	Yes	Yes	No	Yes	MR8R29	Yes	Yes	No	Yes
LGC9EP	Yes	Yes	No	Yes	MRAFK9	Yes	Yes	No	Yes
LKUERQ	Yes	Yes	No	Yes	MXF442	Yes	Yes	No	Yes
LKW394	Yes	Yes	No	Yes	MZ4F48	Yes	Yes	No	Yes
LLMDXC	Yes	Yes	No	Yes	N276CT	Yes	Yes	No	Yes
LLN37F	Yes	Yes	No	Yes	N3M26T	Yes	Yes	No	Yes
LNVD64	Yes	Yes	No	Yes	N3NRDW	Yes	Yes	No	Yes
LRVNYH	No Interp	No Interp	No Interp	No Interp	N69YE6	Yes	Yes	No	Yes
LTLVE9	Yes	Yes	No	Yes	N8Y6VV	Yes	Yes	No	Yes

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
NCBX49	Yes	Yes	No	Yes	P67F9T	Yes	Yes	No	Yes
NCURQ4	Yes	Yes	No	Yes	P7KXAD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NEG99P	Yes	Yes	No	Yes	P7YJL2	No Interp	No Interp	No Interp	Yes
NEU8X7	Yes	Yes	No	Yes	P936MF	Yes	Yes	No	Yes
NEYJK3	Yes	Yes	No	Yes	P9PGFL	Yes	Yes	No	Yes
NF9A7Z	Yes	Yes	No	Yes	PA3ZCD	Yes	Yes	No	Yes
NFT6EU	Yes	Yes	No	Yes	PBTAAK	Yes	Yes	No	Yes
NGMVHM	Yes	Yes	No	Yes	PD2DZ3	Yes	Yes	No	Yes
NGMVJ9	Yes	Yes	No	Yes	PGF9FZ	Yes	Yes	No	Yes
NHCAZ7	Yes	Yes	No	Yes	PL8K9B	Yes	Yes	No	Yes
NQRTHJ	Yes	Yes	No	Yes	PLEDHK	Yes	Yes	No	Yes
NTDPRV	Yes	Yes	No	Yes	PM8DFV	Yes	Yes	No	Yes
NTEKGT	Yes	Yes	No	Yes	PNZ8CZ	Yes	Yes	No	Yes
NU7LE4	Yes	Yes	No	Yes	PPAAYY	Yes	Yes	No	Yes
NUQ76A	Yes	Yes	No	Yes	PPBBHB	Yes	Yes	No	Yes
NVNGZC	Yes	Yes	No	Yes	PPPH28	Yes	Yes	No	Yes
NWHFZW	Yes	Yes	No	Yes	PPR8AB	Yes	Yes	No	Yes
NXAAXZ	Yes	Yes	No	Yes	PTD8AQ	Yes	Yes	No	Yes
NYZJM9	Yes	Yes	No	Yes	PTT42Q	Yes	Yes	No	Yes
NZYLX7	Yes	Yes	No	Yes	PUNRFF	Yes	Yes	No	Yes
P23TFP	Yes	Yes	No	Yes	PVHMUB	Yes	Yes	No	Yes
P3FCBF	Yes	Yes	No	Yes	PWCH6Q	Yes	Yes	No	Yes
P3YFP8	Yes	Yes	No	Yes	PWTNGA	Yes	Yes	No	Yes
P4VTCZ	Yes	Yes	No	Yes	PYZU4W	Yes	Yes	No	Yes

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
PZRZCA	Yes	Yes	No	Yes	R46DFU	Yes	Yes	No	Yes
Q2E2TH	Yes	Yes	No	Yes	R83UTN	Yes	Yes	No	Yes
Q48NW8	Yes	Yes	No	Yes	R8NG37	Yes	Yes	No	Yes
Q79VT6	Yes	Yes	No	Yes	R9UY3M	Yes	Yes	No	Yes
Q7WUCX	Yes	Yes	No	Yes	RAUUPY	Yes	Yes	No	Yes
Q88VYW	Yes	Yes	No	Yes	RCFNKE				
QE99YY	No Interp	No Interp	No Interp	Yes	RCV86C	Yes	Yes	No	Yes
QEMJQC	Yes	Yes	No	Yes	RD7XF2	Yes	Yes	No	Yes
QEP79Q	Yes	Yes	No	Yes	REHJ73	Yes	Yes	No	Yes
QFZ9WB	Yes	Yes	No	Yes	REMU92	Yes	Yes	No	Yes
QGDVEP	Yes	Yes	No	Yes	RFVDNN	Yes	Yes	No	Yes
QGZ8DX	Yes	Yes	No	Yes	RGDZNR	Yes	Yes	No	Yes
QH3E8A	Yes	Yes	No	Yes	RGTBNK	Yes	Yes	No	Yes
QH62NN	Yes	Yes	No	Yes	RJKBKV	Yes	Yes	No	Yes
QJ28DU	Yes	Yes	No	Yes	RJWBHP	Yes	Yes	No	Yes
QJMQEV	Yes	Yes	No	Yes	RL4E88	Yes	Yes	No	Yes
QLQQ7F					RMKMGV	Yes	Yes	No	Yes
QMMYH7	Yes	Yes	No	Yes	RRB7CX	Yes	Yes	No	Yes
QTP9KR	Yes	Yes	No	Yes	RT32Y7	Yes	Yes	No	Yes
QYGBW4	Yes	Yes	No	Yes	RVC6V4	Yes	Yes	No	Yes
QZ6R6Q	Yes	Yes	No	Yes	RVWNW4	Yes	Yes	No	Yes
QZCU2Q	Yes	Yes	No	Yes	RYD7VZ	Yes	Yes	No	Yes
R2ZMDL	Yes	Yes	No	Yes	RZ2QFB	Yes	Yes	No	Yes
R3AYKP	Yes	Yes	No	Yes	RZ746T	Yes	Yes	No	Yes

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
T2WPA4	Yes	Yes	No	Yes	TV6HQU	Yes	Yes	No	Yes
T3NP8E	Yes	Yes	No	Yes	TWX9WA	Yes	Yes	No	Yes
T6VWWL	Yes	Yes	No	Yes	U7HYW7	Yes	Yes	No	Yes
T8J8VR	Yes	Yes	No	Yes	UAKW8Y	Yes	Yes	No	Yes
TA8QV4	Yes	Yes	No	Yes	UBELU2	Yes	Yes	No	Yes
TALAF2	Yes	Yes	No	Yes	UCPAA8	Yes	Yes	No	Yes
TB2RGL	Yes	Yes	No	Yes	UCRYD4	Yes	Yes	No	Yes
TBEBCC	Yes	Yes	No	Yes	UF4A4D	Yes	Yes	No	Yes
TBM66Y	Yes	Yes	No	Yes	UF8MUU	Yes	Yes	No	Yes
TCE73A	Yes	Yes	No	Yes	UFCXXD	Yes	Yes	No	Yes
TCVFB	Yes	No Interp	No	No Interp	UJ9QM3	Yes	Yes	No	Yes
TDP4FR	Yes	Yes	No	Yes	ULX44Y	Yes	Yes	No	Yes
TEDL9C	Yes	Yes	No	Yes	ULZP2Z	Yes	Yes	No	Yes
TEHWDV	Yes	Yes	No	Yes	UMBRNY	Yes	Yes	No	Yes
TG79C2	Yes	Yes	No	Yes	UMN7AM	Yes	Yes	No	Yes
TGR2QK	Yes	Yes	No	Yes	UMU96M	Yes	Yes	No	Yes
TJUPJN	Yes	Yes	No	Yes	UPZTTM	Yes	Yes	No	Yes
TKL3NR	Yes	Yes	No	Yes	URP6TT	Yes	Yes	No	Yes
TNL8JL	Yes	Yes	No	Yes	UU89E6	Yes	Yes	No	Yes
TQV2FL	Yes	Yes	No	Yes	UYHLW4	Yes	Yes	No	Yes
TT4CEA	No Interpretations Reported, DNA Analyzed for Database purposes only.				V2AVRQ	Yes	Yes	No	Yes
TTJHRE	Yes	Yes	No	Yes	V3XDKB	Yes	Yes	No	Yes
TUAWX4	Yes	Yes	No	Yes	V4UMX2	Yes	Yes	No	Yes
TUBNVC	Yes	Inc	No	Inc	V7YHEJ	Yes	Yes	No	Yes

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
V8RBA2	Yes	Yes	No	Yes	W2MUJEL	Yes	Yes	No	Yes
V9LYQC	Yes	Yes	No	Yes	W9HPFQ	Yes	Yes	No	Yes
VBDX6A	Yes	Yes	No	Yes	W9Y69Y	Yes	Yes	No	Yes
VD3CGR	Yes	Yes	No	Yes	WBMG96	Yes	Yes	No	Yes
VDJBUN	Yes	Yes	No	Yes	WDWK3F	Yes	Yes	No	Yes
VFLF43	Yes	Yes	No	Yes	WENKZQ	Yes	Yes	No	Yes
VFPVKA	Yes	Yes	No	Yes	WJ4TNQ	Yes	Yes	No	Yes
VHF3ZZ	Yes	Yes	No	Yes	WNBQJW	Yes	Yes	No	Yes
VKH6KA	Yes	Yes	No	Yes	WNYMLR	Yes	Yes	No	Yes
VKHZA8	Yes	Yes	No	Yes	WP3JN8	Yes	Yes	No	Yes
VKLFNU	Yes	Yes	No	Yes	WREEAY	Yes	Yes	No	Yes
VTPWVQ	Yes	Yes	No	Yes	WT3VJ8	Yes	Yes	No	Yes
VTV7RW	Yes	Yes	No	Yes	WU3Q96	Yes	Yes	No	Yes
VWAQP6	Yes	Yes	No	Yes	WUHMW	Yes	Yes	No	Yes
VXAKWQ	Yes	Yes	No	Yes	WZ8PKU	Yes	Yes	No	Yes
VXKJTK	Yes	Yes	No	Yes	WZJNMP	Yes	Yes	No	Yes
VXKN4M	Yes	Yes	No	Yes	X2JGGH	Yes	Yes	No	Yes
VYEEA2	Yes	Yes	No	Yes	X4P36H	Yes	Yes	No	Yes
VYF88A	Yes	Yes	No	Yes	X6DKX3	Yes	Yes	No	Yes
VZ9Z3T	Yes	Yes	No	Yes	X6G8EG	Yes	Yes	No	Yes
VZA3L6	Yes	Yes	No	Yes	X7DE4N	Yes	Yes	No	Yes
VZCP3J	Yes	Yes	No	Yes	X83WW9	Yes	Yes	No	Yes
VZQWNZ	Yes	Yes	No	Yes	X87EWT	Yes	Yes	No	Yes
VZVB22	Yes	Yes	No	Yes	XCC646	Yes	Yes	No	Yes

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
XCXN66	Yes	Yes	No	Yes	YQC924	Yes	Yes	No	Yes
XFGQXW	Yes	Yes	No	Yes	YTZK2A	Yes	Yes	No	Yes
XG786J	Yes	Yes	No	Yes	YUBPEX	Yes	Yes	No	Yes
XH49FG	Yes	Yes	No	Yes	YUDCXW	Yes	Yes	No	Yes
XKQVMB	Yes	Yes	No	Yes	YV6DV9	Yes	Yes	No	Yes
XKV9DT	Yes	Yes	No	Yes	YVMABE	Yes	Yes	No	Yes
XL3JCG	Yes	Yes	No	Yes	YW4BCV	Yes	Yes	No	Yes
XMEH7Q	Yes	Yes	No	Yes	YXWCA7	Yes	Yes	No	Yes
XN7J42	Yes	Yes	No	Yes	YY7DV6	Yes	Yes	No	Yes
XPRVBM	Yes	Yes	No	Yes	YY89K3	Yes	Yes	No	Yes
XR66ZE	Yes	Yes	No	Yes	YYBLAK	Yes	Yes	No	Yes
XT6XQQ	Yes	Yes	No	Yes	YYK3XH	Yes	Yes	No	Yes
XTKW9V	Yes	Yes	No	Yes	Z2NVQV	Yes	Yes	No	Yes
XXWZYX	Yes	Yes	No	Yes	Z7Y99U	Yes	Yes	No	Yes
XZNYDV	Yes	Yes	No	Yes	ZA3WXH	Yes	Yes	No	Yes
Y2A67Q	Yes	Yes	No	Yes	ZBUYE6	Yes	Yes	No	Yes
Y2DQJY	Yes	Yes	No	Yes	ZBVN4W	Yes	Yes	No	Yes
Y2UPWW	Yes	Yes	No	Yes	ZDMJTQ	Yes	Yes	No	Yes
Y37RFA	Yes	Yes	No	Yes	ZFPP4P	Yes	Yes	No	Yes
Y9BJRT	Yes	Yes	No	Yes	ZFU2QL	Yes	Yes	No	Yes
YANT6Y	Yes	Yes	No	Yes	ZKKFA2	Yes	Yes	No	Yes
YJAAEL	Yes	Yes	No	Yes	ZM8XRL	Yes	Yes	No	Yes
YLLP9L	Yes	Yes	No	Yes	ZM9WKU	Yes	Yes	No	Yes
YMTCFY	Yes	Yes	No	Yes	ZQRR2	Yes	Yes	No	Yes

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
ZWHF6D	Yes	Yes	No	Yes					
ZYZJQP	Yes	Yes	No	Yes					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 622		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		604	595	0	601
No		0	0	603	0
Inc		0	3	0	3
No Interpretation		12	18	11	12
No Response		2	2	4	2

Participants analyzing DNA for database purposes only: 4

Additional Comments

TABLE 8

Cert WebCode	Additional Comments
24X9ZA	Items 1 and 3 had a tri-allelic location TPOX
27H6LE	of note: a confirmed tri-allelic pattern was observed at the TPOX locus in items 1 and 3 and thus will be omitted from STR statistical calculations in items 3 and 4.
28A7JQ	Reporting results with stutter filters on
28ABWD	Items 1 and 3 have an unconfirmed possible tri-allele at TPOX. For items 1, 3, and 4 - TPOX not used for comparisons/stats.
29MVNN	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. A tri-allele was detected at the TPOX locus in Items 1 and 3 (single source profiles).
2BB8NU	Concordance at DYS391 between Fusion6C and Yfiler.
2BPX9X	Items 1 and 3: tri-allele detected at TPOX.
2D2D4K	Reporting results with stutter filters on.
2HCEBA	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.
2JKV2R	Samples 1 and 3 appear to have 3 alleles of equal height at TPOX. Therefore, TPOX was not used for STRmix interpretations for either sample 3 or 4.
2MMRT9	The results reported for Items 3 and 4 were generated using probabilistic genotyping. 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 the 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.
327LWK	Reporting with stutter filters on
3DFE7C	Tri-allele observed at TPOX for items 1 and 3.
3E8E3N	reported with stutter filters on
3EULRU	Reporting results with stutter filters on. This lab does not do Ystr or Mito testing.
3J4YAT	NR = no results. All screening tests performed by qualified forensic biologist. KM testing also performed by DNA analyst. Male screen results interpreted by DNA analyst. GF and YFP results concordant at DYS391.
3KU6PJ	Reporting with stutter filters on.
3MHGNN	Reporting results with stutter filters on.
3WAY3W	No profile interpretations performed. Proficiency used for screening through DNA quantification and automated sample processing purposes only.
3YBZ3U	Reporting STRmix results with stutter filters on

TABLE 8

Cert WebCode	Additional Comments
43TKMN	A tri-allelic pattern was detected at the TPOX locus for sample 1. This pattern is a common variant seen at TPOX. This pattern is considered as part of the single source DNA profile of item 1 and is taken into consideration in the interpretation and comparison purposes to items 3 and 4.
4ATWNR	NR = No Results. Male screen testing was performed by a member of the Forensic Biology Unit. DNA analyst analyzed male screen results. Concordant results for DYS391 between GF and YFP.
4B7J77	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.
62CR7R	Analyst is not signed off in serology testing, DNA processing, or reporting at this time. Analyst is only signed off on interpretation and statistics.
64ZEML	Item 4: AP test inconclusive due to substrate color. Items 1 and 3 had no male DNA detected; therefore neither sample was amplified for Y-STRs, and no interpretation based on STR profiles is possible for these two items.
67NQLQ	This lab does not perform Y-STR or mito DNA testing. Analysis performed with stutter filters on.
69UFLE	Reporting results with stutter filters on
6JWH6Q	Employee is authorized through DNA processing and checking the quality of DNA data, does not compare/report DNA results.
6PZFYN	NR= no result
6UTKNM	reporting results with stutter filters on
6ZLGEY	This proficiency was performed using Missing Person protocols which do not interpret mixtures. Item 4 was a mixture. Minifiler results were concordant for overlapping loci with Globalfiler for Item 3.
74FX8J	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. A tri-allele was detected at the TPOX locus in Items 1, 3 & 4.

TABLE 8

Cert WebCode	Additional Comments
7669VQ	In the DNA profile of the victim (Item 1) we obtained in locus TPOX three alleles (9,10,11) - trisomy. For Item 3 and Item 4 we performed non-differential extraction. As a result we obtained: - for Item 3 female DNA profile compatible to DNA profile of the victim (Item 1); DNA doesn't derive from the suspect (Item 2), - for Item 4 DNA mixture derived from at least two people; in this mixture are observed all alleles from DNA profiles of the victim (Item 1) and the suspect (Item 2). We performed statistical analysis of results using "LRMix studio v.2.1.3-Community Edition" as do we do with normal results. Value of LR was interpreted in respect of value of the proof and was express in words, using the ENFSI recommendation. LR value was count for Item 3 and Item 4. We had confirmed comparative material from the victim (Item 1) and the suspect (Item 2) to proceed with analysis. Calculations was based on population database for GlobalFiler PCA Amplification Kit producer of reagents for Caucasian population. We used allele frequencies from that database. This statistical analysis contains below conclusions: 1) Proof from genetic analysis from Item 3 sample give extreme high support (LR=5,04 x 10 ^ 31) for hypothesis, that this sample contain DNA of the victim (Item 1), against to alternative hypothesis saying that this sample contains DNA of different, unknown (NN), not-related person. 2) Proof from genetic analysis from Item 4 sample give extreme high support (LR=2,26 x 10 ^ 17) for hypothesis, that this sample contain DNA of the victim (Item 1) and different, unknown (NN), not-related person, against to alternative hypothesis saying that this sample contains DNA of two different, unknown (NN), not-related people. 3) Proof from genetic analysis from Item 4 sample give extreme high support (LR=1,09 x 10 ^ 14) for hypothesis, that this sample contain DNA of the suspect (Item 2) and different, unknown (NN), not-related person, against to alternative hypothesis saying that this sample contains DNA of two different, unknown (NN), not-related people.
76P64J	reported with stutter filters on
76UF84	Victim's profile (item 1) is tri-allelic at locus TPOX. This locus was ignored for the purposes of running probabilistic genotyping and calculation of statistics using STRMIX software.
77FBGP	Fusion/Yfiler testing was performed on Items 1 - 4. Results were concordant at DYS391 for all tested items. NR = No results obtained.
798AZU	No mitochondrial DNA analysis conducted on item 4 because it is a mixture.
7HFWUF	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. In addition, the tri-allelic data associated with the TPOX locus in Item 1 and Item 3 was reported, despite the locus being omitted from the STRmix interpretation.
7JBHLL	The following statement is reported for blood in our laboratory. Blood of probable human origin was identified.* *A positive blood of human origin result can be obtained with hemoglobin from higher primates and the domestic ferret, however, cross reactivity is minimal as case information can demonstrate the involvement of these animals.
7KNUJQ	Reporting STRmix results with stutter filters on.
7VPC2K	Items 1 and 2 were not profiled and no interpretation or comparisons were reported. Items 3 and 4 were profiled to confirm correct results were obtained for the tested scientist who is qualified in extraction through quantitation but not in data analysis.
8CJE8N	An "NR" in the table of results indicates no typing results were obtained for the sample at that locus. An "NT" in the table indicates the sample was not tested at that locus. An apparent tri-allele was observed at TPOX in the results from item 3 and item 1. Therefore, TPOX was excluded from the STRmix analysis for items 3 and 4.
8FM98D	Stutter filters on
8JP7FK	Results reported with stutter filters on
8RW34N	Victim (Item 1): A tri-allele was detected at TPOX and omitted for STRmix analysis.
8Y3G9E	reporting with stutter filters on

TABLE 8

Cert WebCode	Additional Comments
8ZE8J4	Tri-allele noted at TPOX in item 1 and item 3. Item 4 (YSTR only) was saturated with excessive baseline artifacts due to overtarget of input DNA. Additionally, elevated stutter and pullup were noted. All artifacts, stutter, and pullup were struck from electropherogram. Single Source profile resulted.
93XQWL	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. Evidence Item 3 and Reference Item 1 were confirmed to be tri-allelic at the TPOX marker. This marker was omitted from statistical calculations.
9AUMEH	reporting results with stutter filters on
9AYXJ2	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.
9BMGCL	Yfiler amplification was not performed on Item 1 and Item 3 due to no detection of male DNA.
9J7KNV	Did not make comparisons to TPOX for Items 1, 3 and 4 due to tri-allele present.
9KBEYK	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
9MHKM8	Tri-allele observed at TPOX for items 1 and 3.
9NBKKH	Mitochondrial DNA (mtDNA) testing utilizes massively parallel sequencing (MPS). Only the HVR 1 and HVR 2 differences will be reported on the mtDNA tab for the common ranges of HV1 (16024-16365) and HV2 (73-340). Whole genome sequences were obtained with the ranges indicated below. *Note Item 4 is a mixture and mixtures are not interpreted. Item 1 Item 2 Item 3 Item 4 (Mixture not Inp.) 1-8893,8901-16569 1-8893,8901-16569 1-16569 1-12387,12455-16569 Item 1 Item 2 Item 3 73G 152C 73G 152C 174T 152C 263G 263G 263G 315.1C 309.1C 315.1C 523del 315.1C 523del 524del 750G 524del 750G 1438G 750G 921C 4769G 921C 1438G 6776C 1438G 2706G 8860G 2706G 4129T 15326G 4129T 4769G 16519C 4769G 5147A 5147A 5580C 5580C 6680C 6680C 7028T 7028T 7424G 7424G 8618C 8618C 8701G 8701G 8860G 8860G 8865A 8865A 9540C 9540C 10398G 10398G 10873C 10873C 11719A 11719A 12705T 12705T 13105G 13105G 13886C 13886C 14284T 14284T 14766T 14766T 15058T 15058T 15301A 15301A 15326G 15326G 15908C 15908C 16124C 16124C 16153A 16153A 16223T 16223T 16291T 16291T 16399G 16399G. [Participant created a manually formatted table within the free form text space. This special formatting was not transferable into the final report. Data is presented as is.]
9NZJXJ	Abbreviation: "NR" - No DNA typing result.
9RAWFH	reported with stutter filters on

TABLE 8

Cert WebCode	Additional Comments
9RE8K2	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.
9U3PDM	NR = no results obtained.
A6F6ZL	NR = No Results. All screening tests were performed by a qualified Forensic Biologist with the exception of KM testing on item 4. This DNA Analyst performed KM testing on both item 3 and item 4. Both KM tests for item 3 were positive. Y-screen analysis was performed by this DNA Analyst.
A7R4UV	Item 4: GlobalFiler SOP says DYS391 is used for the detection of male DNA only; therefore, no interpretation at this locus as to whether a peak is an allele, stutter, artifact, etc.
A87BFC	reporting with stutter filters on
ABNLE2	Item 4: TPOX and D2S1338 contained alleles that were below the laboratory's interpretational threshold and therefore would not be considered for statistics
ACZCDK	Item 4 is inconclusive due to mixtures. This laboratory does not interpret mtDNA mixtures.
AJF7CM	A tri-allele was detected at TPOX in items 1 and 3.
AL7CTD	reporting with stutter filters on
AL832G	The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: Exhibit 4. Exhibits 1 and 3 were not amplified for Y-STR analysis since no male DNA was detected, therefore, no interpretation could be made concerning these exhibits.
AVC69Y	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.
AW44MX	Consistent results were obtained with the multiple DNA testing kits used.
AWJGXN	NR=no result.
BHZ8VJ	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.
BLZDCA	In the profile for Item 4, a '13' peak was detected at D18, but was edited as Pull-up based on our laboratory's allowable pull-up percentages.
BTKH6B	reporting with stutter filters on
BXEERF	Apparent 9,10,11 tri-allelic pattern at TPOX in samples 3&1. The TPOX locus was not interpreted by STRmix for these samples.

TABLE 8

Cert WebCode	Additional Comments
C6MB6L	NR = No results. NT = Not tested. For the LR calculations the locus TPOX was omitted due to the presence of a genetic anomaly (possible Triallele).
C9BTDY	For sample B1-4, loci CSF1PO, D19S433, TH01, and D2S1338 would not be suitable for mixture statistics according to internal SOPs. Samples B1-3 and B1-1 have tri-allele pattern at TPOX (9,10,11 alleles).
CA3TBA	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. In addition, the tri-allelic data associated with the TPOX locus in Item 3 was reported, despite the locus being omitted from the STRmix interpretation.
CCVPY4	NR=NO RESULT.
CDGFXM	DYS391 is reported as INC for all samples tested per laboratory policy. A mixture of DNA was obtained from Item 4. Any labeled peaks that are likely due to PCR STR artifact were not reported and will not be used for conclusions and comparisons. 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.
CDMQWE	Analyzed with stutter filters on.
CEDWBJ	The victim Item 1 is a contributor to both Item 3 and Item 4. The suspect Item 2 is only a contributor to Item 4.
CEWTP6	TPOX contained a Tri-allele for 3.1, 4.1, and 1.1. Loci was removed prior to running STRmix for Items 3.1 and 4.1. NR = No Result.
CJC2D6	Triallele was observed in TPOX (items 1 and 3).
CK47M3	Items 1 and 3 have an unconfirmed possible tri-allele at TPOX; these locations will not be used for statistics for Items 1, 3, and 4.
CU7JKH	YSTR analysis was not performed on Item 1 and Item 3 because no male DNA was detected from quantitation.
CV8EBF	For items 3 and 4 the following comment is added to the report: - *A positive blood of human origin result can be obtained with hemoglobin from higher primates and the domestic ferret, however, cross reactivity is minimal as case information can demonstrate the involvement of these animals.
CVLXUD	Items 1, 3, and 4 had tri-allele at TPOX. Item 4 peaks modeled as stutter for probabilistic genotyping were not included in data table per laboratory policy.
D26NUD	* denotes a possible tri-allele detected
D4VM9C	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. A tri-allele was detected at the TPOX locus in items 1, 3 and 4.
D8A6N8	Y-STR and mito not performed in this lab. Results reported with stutter filters on.
DC6Z6L	-For PowerPlex Fusion results, DYS391 is reported as INC for all samples tested per lab 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.
DEE42H	GMIDX analysis was performed with stutter filters on. This laboratory does not perform Y-STR or mitochondrial DNA analysis.
DKFK8H	Reporting STRmix results with stutter filters on.
DRL6HU	TPOX not used in any of the STRmix interpretations due to Tri in Item 1.

TABLE 8

Cert WebCode	Additional Comments
DZBTDW	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.
EGUZVL	Extraction: -Item 1 and Item 2 were extracted using chelex method. -Item 3 and Item 4 were extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantitation: -Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QS5 system. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -All electrophoresis were carried out using Genetic Analyzer 3500xL Quality Control: -Reagent blank, Positive Control and Negative Control carried out throughout the analysis all gave intended results.
EMZMW3	NR = No results.
F8MKPE	NR=no results. YF and PPF and concordant for samples 01A and 02A.
F9Z2BT	Items 3 and 4 were also amplified using Minfiler and an elevated cycle Identifiler Plus. The DNA profiling results determined from these alternate amplifications were concordant with the Identifiler Plus results reported. YSTR results submitted for analysis proficiency only, analyst does not report YSTR results.
FAQ9BV	Items 1 and 3 exhibit a tri-allelic pattern at locus TPOX.
FB3966	Reporting results with stutter filters on.
FDB6VF	NR = no DNA typing results obtained for this locus.
FRCR7H	item #1 and item #3 results are single source and include a clear tri-allele at TPOX.
FT6NUB	Only samples that were positive for male DNA (#2 & #4) were amplified for Y-STR analysis. Therefore, no interpretations for whether Victim (#1) could be a contributor to questioned stain #3 since no results from either item were obtained. Since Victim (#1) has no male DNA present, there is no interpretation possible to determine if she could be a contributor to item #4 (apparent male/female mixture detected on item #4 during quantitation step). Since item #3 has no male DNA present, Suspect (#2) is excluded from item #3. Haplotype from item #4 matches haplotype from Suspect (#2).
FY6C2H	NR = no typing results obtained
FY9RHN	Items 1 and 2 were not profiled and no interpretation or comparisons were reported. Items 3 and 4 were profiled to confirm correct results were obtained for the tested scientist who is qualified in extraction through CE but not in data analysis.
G6YC8Q	Results were consistent across different multiplex kits where loci were in common eg MiniFiler, Identifiler Plus and GlobalFiler. Three alleles were detected at locus TPOX for Item 1. This was also observed in Item 3 and Item 4.

TABLE 8

Cert WebCode	Additional Comments
G7NPP9	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 elevated stutter peaks which are being reported to the vendor as an additional comment but which have been modeled as stutter probabilistically during interpretation at the following loci: Item 3 (34.2 peak at D21S11 & 13 peak at D7S820) and Item 4 (12 peak at D1S1656). A tri-allele was detected at the TPOX locus in items 1, 3, and 4. 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.
GCRV26	The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the Annotated Code of [State]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation [Certificate Number].
GK8FK6	reporting with stutter filters on
GKNMUT	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.
GQE2D9	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. A tri-allele was detected at the TPOX locus in items 1, 3, and 4.
GZ2Z4D	Victim is triallelic at the TOX locus.
H4E6B8	NR= no DNA result. []= lighter intensity allele
HHVZQ4	Reporting with stutter filters on.
HM7D93	Reporting results with stutter filters on
HPF3VK	Triallele observed at TPOX in item 1 and 3. Also consistent with being present in item 4.
JEV7AD	ND=NOT DETECTED. Tri-allele observed at TPOX in Items 1 and 3.
JQA2PD	This lab does not perform mtDNA or Y-STR DNA testing. Reporting results with stutter filters on.
JUM7X8	reporting results with stutter filters on
JVDCBC	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
JVHQNC	STRmix used with stutter filters on
JWAH34	The 21 allele reported at D2S1338 for Item 4 is in an elevated stutter position but was not filtered by the laboratory analysis software. Per laboratory protocol, it was modeled as a +4 stutter peak versus a true minor allele and evaluated with the rest of the profile interpretation using probabilistic genotyping software.

TABLE 8

Cert WebCode	Additional Comments
K4PLMC	Powerplex Fusion 6C sample processing was conducted on item 3 and item 4. Autosomal analysis and interpretation was not conducted. Modified Rapid DNA Analysis was conducted on item 1 and item 2. No comparison to evidence was made. NID= No interpretable data
KPBKNZ	Reporting results with stutter filters on
KTAVKZ	reporting results with stutter filters on
L2YY8T	Tri-allelic pattern observed at TPOX for items 1 and 3.
L6M9ML	Items 3 and 4 were amplified through Standard Identifiler Plus, LCN Identifiler Plus and MiniFiler profiling kits. The profiling results were concordant where DNA sites tested were in common.
LGC9EP	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.
LKW394	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. A tri-allele was detected at the TPOX locus in Items 1, 3, and 4.
LLN37F	Item 4 is a mixture. No mtDNA interpretation is offered for this item.
LNVD64	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. A tri-allele was detected at the TPOX locus in Items 1, 3, and 4.
LRVNYH	The known samples were not profiled and no interpretations were reported. Items 3 and 4 were profiled to confirm that the correct results were obtained for the assigned analyst who is proficiency tested in DNA extraction through CE, but not in interpretation of the DNA profiling results
LUXRJD	Triallelic pattern at TPOX noted for CTS Items 1,3,and 4. [Initials].
MA64V4	Female reference sample (Item 1) not amplified for Y-STR analysis since no male detected. DNA interpretation reported as "No Interpretation." Evidence sample (Item 3) has no data for use to compare to the reference standard (Item 2). DNA interpretation reported as "No Interpretation."
MAQRYK	TPOX has been ignored when using STRmix given item 1 is tri-allelic.
MKPGUZ	No samples were prepared for DNA at this time. The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the Annotated Code of [State]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI American National Accreditation Board. Refer to certificate and scope of accreditation [Certificate Number].
MPGLM4	Reporting results with stutter filters on.
MPHGBF	The mtDNA sequence obtained for Item 4 indicates a mixture of mtDNA from more than one individual. Mixtures of mtDNA are not interpreted at this laboratory, therefore Item 4 was not interpreted.
MR8R29	Item 4: DNA mixture victim /suspect
N3NRDW	With stutter filters on
NCBX49	A shipment of reagents delayed dueto COVID-19 situation.The determination of Mitochondrial DNA could not be performed.

TABLE 8

Cert WebCode	Additional Comments
NCURQ4	NR= not reportable
NEU8X7	Item 1A was not analyzed with Yfiler Plus, because sample is a known female DNA sample.
NHCAZ7	Results at DYS391 were concordant for PPF and YF for Items on which both kits were performed. NR = No Results.
NHER93	Serology testing only was done on items 3 and 4. Our starting methodology for blood analysis is a visual examination to determine if possible blood staining is observed before any presumptive tests are done. That is why 'visual' was listed under test(s) performed as a Visual Examination was performed indicating suspected blood staining was observed on the items submitted. The following statement is reported with our human origin test: Blood of probable human origin was identified.* *A positive blood of human origin result can be obtained with hemoglobin from higher primates and the domestic ferret, however, cross reactivity is minimal as case information can demonstrate the involvement of these animals. Based on the scenario provided, there was no indication that testing for semen or saliva was needed on items 3 and 4.
NTDPRV	reporting results with stutter filters on
NTEKGT	NR = NO RESULTS
NU7LE4	Allele calls reported with stutter filters on
NXAAXZ	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. A tri-allele was detected at the TPOX locus in Items 1, 3, and 4.
NZYLX7	Mixture ratio for item 4 reported at 50:50 in STRmix. Victim appears to be tri-allelic at TPOX, which was not used for stats.
P7KXAD	Analyst is competent in biological screening and DNA testing of known standards only. Analyst is not competent in DNA testing of unknown samples or comparisons.
P7YJL2	Female reference sample (Item 1) and evidence sample (item #3) not amplified for Y-STR analysis since no male DNA detected. A conclusion of No interpretation was made between reference sample (item #1) and evidence items (#3 and #4) because there was no Y_STR profile for the reference standard for comparison. A conclusion of No interpretation was made between reference sample (item #2) and evidence sample (item #3) because there was not Y-STR profile for the evidence sample (item #3) for comparison. The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4.
PBTAAC	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.
PD2DZ3	reporting results with stutter filters on
PLEDHK	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.
PNZ8CZ	There was a tri-allele at TPOX locus for Items 1, 3 and 4. Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.

TABLE 8

Cert WebCode	Additional Comments
PPR8AB	Item 4 is a mixture. No mtDNA sequence analysis is conducted on mixture samples.
PTT42Q	Triallele was observed in TPOX (items 1 and 3)
Q48NW8	tri-allele detected at TPOX in victim ref and item 3 (single source).
Q79VT6	A TRISOMY WAS OBSERVED IN THE TPOX MARKER, AT ITEM 1, AND IT WAS CONFIRMED WITH THE RESULTS OBTAINED FROM ITEM 3
Q7WUCX	Reporting with stutter filters on.
QEMJQC	Tri-allele detected at TPOX for items 1 and 3. HV2 C-Stretch length heteroplasmy observed in Item 2.
QGDVEP	Tri-allele observed at TPOX in items 1 and 3.
QH3E8A	Extraction: -Item 1, Item 2, Item 3 and Item 4 were extracted using TECAN FREEDOM EVO 150. Quantitation: -Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QuantStudio5. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler Kit on 9700 GeneAmp PCR System. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -Electrophoresis for GlobalFiler PCR products of Item 1, Item 2, Item 3 and Item 4 were carried out using Genetic Analyzer 3500xl. -Electrophoresis for YFiler PCR products of Item 2 and Item 4 were carried out using Genetic Analyzer 3500xl. Quality Control: -Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
QJMQEV	reporting with stutter filters on
QYGBW4	Tri-allele at TPOX (9, 10, 11) for items 1, 3, and 4. TPOX not used in statistical calculations.
QZCU2Q	NR = No Result
R3AYKP	[From Table 6a, Item 2, nucleotide position 309.0: "(heteroplasmy)"]
R46DFU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. In addition, the tri-allelic data associated with the TPOX locus in Item 3 was reported, despite the locus being omitted from the STRmix interpretation.
R83UTN	Triallele observed at TPOX in samples 3 and 4.
R8NG37	Items 1 and 3 are single-source and both have a tri-allelic pattern at TPOX. NR = no result.
RD7XF2	Due to tri-allele at TPOX, TPOX will not be used for statistics for items 3 and 4.
REHJ73	NR = No DNA typing results at this locus.
RGTBNK	The following loci contained alleles that were below the laboratory's interpretational threshold (IT) and therefore would not be eligible for statistics: TPOX, TH01, D12S391, D2S1338. Tri-allele noted at TPOX in Items 1 and 3.
RJKBKV	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. In addition, the tri-allelic data associated with the TPOX locus in Item 3 was reported, despite the locus being omitted from the STRmix interpretation.
RJWBHP	NR = No results
RL4E88	Items 1 and 3 have a tri-allelic pattern at TPOX; therefore TPOX was ignored during analysis. NR = no results obtained at that locus
RMKMGV	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. In addition, the tri-allelic data associated with the TPOX locus in Item 1 and Item 3 was reported, despite the locus being omitted from the STRmix interpretation.

TABLE 8

Cert WebCode	Additional Comments
RVC6V4	Male screen testing was performed by a member of the Forensic Biology unit. DNA analyst analyzed the male screen results and performed the KM testing. NR= no results
RVWNW4	Male-specific (Y-STR) DNA analysis was not performed on the known blood from the female victim (item 1). NR = No Results.
RYD7VZ	NR=no result
RZ2QFB	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using PREPFILER EXPRESS. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA quantitation kit and carried out by 7500 Real-Time PCR. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFISTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFLSTR Yfiler Kit on 9700 GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by Genetic Analyser 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control, and negative control were carried out along with the analysis and all gave the intended results.
T2WPA4	Reporting STRmix results with stutter filters on.
T3NP8E	Extraction blank re-injected due to potential cross-talk.
TA8QV4	Reporting STRmix results with stutter filters on.
TCVFB	Missing Persons/Unidentified Human Remains protocols were used for analysis. Nuclear DNA mixture profiles are not interpreted under these protocols. Therefore, the nuclear DNA mixture profile obtained from Item 4 was not interpreted. The Y-chromosomal DNA profile obtained from Item 4 was not interpreted as it would not be interpreted under the protocols used due to the nuclear DNA mixture profile. Mitochondrial DNA profiling was not performed on Item 4 due to the nuclear DNA mixture profile that was obtained. The minifiler results were concordant with the globalfiler results for Item 3.
TEHWDV	Probabilistic Genotyping Results: Note: Inclusions and exclusions were conducted by the analyst prior to using the STRmix software program. STRmix was used to calculate a likelihood ratio on the following using the respective propositions: Item 3: 1s_U. Item 4: 1s2s_2sU. NID - No interpretable data.
TG79C2	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.
TUBNVC	Missing persons/Mito protocols used for this proficiency. Item 4 is a mixture. Mixtures are not interpreted using Missing Persons protocols. MiniFiler results for Item 3 were concordant with the results from the corresponding Globalfiler results. Yfiler testing was only performed on the male known sample (Item 2) since Items 1 and 3 were female DNA samples and Item 4 was a mixture. Yfiler testing is not performed on female samples. Mixtures are not tested using Missing Persons protocols. Mito testing was not performed on Item 4 because it was a mixture. Mixtures are not tested using Mito protocols.
UBELU2	NR = No Results. Screening tests all performed by qualified forensic biologist, male screen interpreted by reporting analyst.
UCRYD4	Apparent triallelic pattern at TPOX for item 1 and item 3.
UFCXXD	The profiling results obtained from samples 3 and 4 after MiniFiler and 34 cycle (LCN) Identifiler Plus analyses agreed with the results obtained by 28 cycle standard Identifiler Plus DNA testing, at corresponding loci. The results from the Yfiler Plus DNA testing undertaken on sample 4 have not been used in any interpretation.
ULX44Y	Item 4 was not processed in mtDNA due to an observed mixture in Globalfiler. This laboratory does not interpret mtDNA mixtures. Globalfiler and Minifiler were performed on Item 3. Results were concordant for all overlapping loci. NR = No Result.

TABLE 8

Cert WebCode	Additional Comments
UMBRNY	Tri-allele indicated at TPOX in evidence samples and victim reference. This locus was not used for statistical calculations.
UMU96M	Note: A tri-allele was observed at locus TPOX for evidence sample 3a and reference sample 1a.
UPZTTM	NR = no interpretable result.
UU89E6	NR = no typing results. The GlobalFiler STR data (with the exception of SE33 and D1S1656) reported for item 4 are based upon an interpretation using STRmix, a probabilistic genotyping software program. It should be noted that Amel and the male markers are not included in the STRmix interpretation or likelihood ratio calculations for single source or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation or likelihood ratio calculation but are included in the CTS report. Finally, TPOX was not included in the STRmix interpretation or likelihood ratio calculation due to the apparent genetic anomaly, but was included in the CTS report.
UYHLW4	NR = No results.
VFLF43	Item 4: DNA mixture, victim 1/suspect 2.
VHF3ZZ	NR = No Results. Tri-allele typed at TPOX for both item 1, item 3 & item 4 (major component). Item 1 not analyzed for Y-STRs. No Y-STR DNA profile obtained for item 3. Mitochondrial DNA analysis not performed by this laboratory.
VKLFNU	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. A tri-allele was detected at the TPOX locus in Items, 1, 3 and 4.
VWAQP6	Extraction: -Item 1, Item 2, Item 3 and Item 4 were extracted using Chelex extraction method. Quantification: -Item 1 and Item 2 were quantified using Quantifiler Human DNA Quantification kit on QuantStudio 5. -Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantification kit on QuantStudio 5. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler Amplification kit. -Item 2 and Item 4 were amplified using Y-Filer Kit. Electrophoresis: -Amplified product of GlobalFiler from Item 1, Item 2, Item 3 and Item 4 were run on Genetic Analyzer 3500xl. -Amplified product of Y-filer from Item 2 and 4 were run on Genetic Analyzer 3500xl. Quality Control: -All reagent blank, positive control, negative control, were carried out through out the analysis an all gave intended results.
VXKJTK	Of note: a tri-allelic pattern was observed in the TPOX locus in items 3 and 1. this locus will be omitted when conducting STR statistical calculations in items 3 and 4.
W9Y69Y	Reporting STRmix results with stutter filters on
WBMG96	Item 4: 9 at THO1 (probable n+4, n-4 stutter) retained for STRmix interpretation
WREEAY	Reporting STRmix results with stutter filters on
WU3Q96	Interpretation only. Screening and extraction completed by another qualified DNA Analyst (YS).
WWUHMW	NR = no result
X2JGGH	Tri-allele observed at TPOX for items 1 and 3.
X4P36H	Triallele observed at TPOX for items 3 and 4.
X6DKX3	Extraction: -Item 1 and Item 2 were extracted using chelex method. -Item 3 and Item 4 were extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantitation: -Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QS5 system. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -All electrophoresis were carried out using Genetic Analyzer 3500xL. Quality Control: -Reagent blank, Positive Control and Negative Control carried out throughout the analysis all gave intended results.

TABLE 8

Cert WebCode	Additional Comments
X83WW9	1. Result support the inclusion of person 1 (victim) in the Item 4's mixture: The DNA result is 7.6e12 times more likely to occur if Person 1 - victim is a contributor of DNA to the mixtures than if she is not. 2. Result support the inclusion of person 2 (suspect) in the Item 4's mixture: The DNA result is 4e10 times more likely to occur if Person 2 - suspect is a contributor of DNA to the mixtures than if he is not.
XMEH7Q	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used; however to calculate a likelihood ration on the following propositions: Item 3: 1s_U. Item 4: 1s2s_UU. NID = No Interpretable Data.
XXJDKP	Only screening analyses were performed. The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the Annotated Code of [State]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation [Certificate Number].
XXWZYX	NR = No results. Forensic Biologist performed screening tests. DNA analyst interpreted male screen results. DNA analyst performed KM screening test. DYS391 results concordant between Globalfiler and Yfiler Plus test kits.
Y2UPWW	STRmix was used for DNA analysis. TPOX was omitted for item 3 MCMC. However, the alleles detected at TPOX were reported. STRmix was used for DNA analysis. TPOX was retained for item 4 MCMC. However TPOX was omitted for LRs. NR = No results obtained.
YQC924	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification Kit on Applied Biosystems 7500 Real-Time PCR Systems. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the AmpFLSTR Identifiler Plus and Yfiler PCR Amplification Kits on Applied Biosystems GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500XL Genetic Analyzer and the data were analyzed with GeneMapper ID-X v1.5 software. Quality control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results.
YUDCXW	Reporting STRmix results with stutter filters on
Z2NVQV	Tri-allele confirmed with reamp at TPOX for Item 1 and Item 3.
Z7Y99U	NR = No results.
ZFU2QL	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. In addition, the tri-allelic data associated with the TPOX locus in Item 3 was reported, despite the locus being omitted from the STRmix interpretation.
ZM9WKU	NR= No result. For items 1 and 3, the TPOX locus exhibited three alleles. Therefore, the TPOX locus was omitted for the STRmix interpretation of items 3 and 4.
ZQRRL2	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.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 21-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 8, 2021, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: JV3HNP

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 the assault of a female victim. Police were called by neighbors after overhearing screaming. When the police arrived they found the victim badly bruised with a cut on her arm. The victim claimed a man had broken into her house and attacked her. She tried to defend herself with a kitchen knife and after cutting him a few times he ran out of the house. Police apprehended the suspect when he was caught trying to break into a nearby convenience store. Investigators are submitting stains from the shirt (Item 3) and pants (Item 4) the suspect was wearing. Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

Items Submitted (Sample Pack B1):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

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

Item 4: Questioned stain from suspect's pants (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 (continued): DNA Analysis - Mitochondrial DNA

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

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

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

Part III: DNA INTERPRETATION

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

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

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

Part IV: ADDITIONAL COMMENTS

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

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

CTS submits external proficiency test data directly to 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)