



Forensic Biology Test No. 18-5702 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 708 participants and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains in Items 1, 2, and 3 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain in Item 4 was a mixture prepared from human whole blood and semen. The semen sample was received frozen from an outside supplier. The semen sample was first thawed and mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. Items 1 (75 μ l) and 3 (50 μ l) were each created using blood collected from the same female donor. Item 2 (75 μ l) was created using blood collected from a male donor. Item 4 (50 μ l) was a 1:1 mixture that was prepared using blood from the same female donor used for Items 1 & 3 and semen from a male donor whose known standard was not provided. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on March 15, 2018 following completion of the verification stage.

SAMPLE SET ASSEMBLY: For each sample set, all four Items (1-4) were packed 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: Laboratories that conducted predistribution analysis of the samples reported consistent results and associations.

Manufacturer's Information, continued

<i>Amelogenin and STR Results</i>						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
<hr style="border-top: 1px dashed #000;"/>						
1	11,13	19,25	12,15	15,16	11,13	12,18
	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NM	NM	NM	NM	
<hr style="border-top: 1px dashed #000;"/>						
2	11,15	19,21	10,14	14,17	11,11	11,14
	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
<hr style="border-top: 1px dashed #000;"/>						
3	11,13	19,25	12,15	15,16	11,13	12,18
	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NM	NM	NM	NM	
<hr style="border-top: 1px dashed #000;"/>						
4-Blood	11,13	19,25	12,15	15,16	11,13	12,18
	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NM	NM	NM	NM	
<hr style="border-top: 1px dashed #000;"/>						
4-Semen	15,15.3	21,25	11,14	16,16	10,11	11,18
	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	2	

<i>YSTR Results</i>									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
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
<hr style="border-top: 1px dashed #000;"/>									
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	14	18	18	22	23	10	12
<hr style="border-top: 1px dashed #000;"/>									
4-Semen	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	12	19	16	19	21	12	11

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	61 - 392	16024 - 16376
2	64 - 387	16024 - 16376
3	61 - 369	16024 - 16377

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.

	263.0	315.1	477.0	16519.0
ITEM 1	G	C	C	C

	64.0	73.0	146.0	153.0	235.0	263.0	309.1	315.1	523.0	524.0	16111.0	16189.0	16223.0	16290.0	16319.0	16362.0	16519.0
ITEM 2	T	G	C	G	G	G	C	C	DEL	DEL	T	C	T	T	A	C	C

	263.0	315.1
ITEM 3	G	C

Summary Comments

The 18-5702 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 3 were created using blood collected from a female donor. Item 2 was created using blood from a male donor. Item 4 was a mixture containing blood from the female donor used for Items 1 and 3 as well as semen from a third party male whose known standard was not provided. (See Manufacturer's Information for preparation details)

Data were returned by 708 participants.

Screening Test Results:

Screening results were returned by a total of 659 participants.

For Item 3, all 646 participants that returned results reported "Positive" for blood. All 602 participants that returned results for semen reported "Negative". For the presence of saliva, 179 participants reported "Negative", while four participants reported "Inconclusive".

For Item 4, 646 participants reported "Positive" results for blood, while one reported "Negative" results. All 621 participants that returned results for semen reported "Positive". For the presence of saliva, 186 participants reported "Negative", while two participants reported "Inconclusive".

DNA Analysis Results:

Of the 651 participants that returned DNA results, 33 did not report any DNA interpretations. Of these, 22 stated that they analyzed samples for database purposes only.

For the Item 3 stain, all 618 participants that reported interpretations both included the victim (Item 1) as a possible contributor and excluded the suspect (Item 2).

For the Item 4 stain, there were 608 participants that included the victim (Item 1), while four reported inconclusive results and one participant excluded the victim as a possible contributor. Additionally, 614 participants excluded the suspect (Item 2) as a possible contributor to the stain while four participants reported inconclusive results.

At locus D12S391 for Item 4, eight participants did not report the "18" allele which was associated with the epithelial fraction of the mixture. A few participants noted that shouldering from the 17.3 peak may have caused issues for their software in resolving the 18 peak.

There were 48 participants that reported allelic results that differed from the consensus/predistribution results. Of these, 30 reported additional alleles at one or more loci. There were 7 participants that reported inconsistent loci at one or more loci. Finally, 11 participants were missing alleles at one or more loci. Of these 48 participants, it was noted that 28 made use of Probabilistic Genotyping software.

In this test, it was noted that 168 participants reported the use of Probabilistic Genotyping (PG) software. Of these, most participants (163) reported the use of the STRmix software. While reviewing the data submitted for this test, differences between when the software was used were noted. These differences were identified not only between labs but also within participants from the same lab. Among all participants that submitted results using PG software, 67 participants used it only for questioned items (Items 3 and 4) whereas 43 participants made use of it across all four items. Additionally, 45 participants only made use of the software for one of the two questioned items, either Item 3 or Item 4. The final 13 utilized the software in varying ways.

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	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 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
22MEZK				
Item 3	Pos O-tol	Neg AP		
Item 4	Pos O-tol	Pos AP		
269KXZ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
296YW6				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Microscopic	Neg Phadebas	
2CNZ4X				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
2DZHLH				
Item 3	Pos KM, HemaTrace	Neg AP, PSA		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro		
2J8RMP				
Item 3	Pos TMB, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos TMB, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
2NKDQV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos ALS/AP/Micro	NT	
2PE936				
Item 3	Pos KM, Seratec HemDirect	Neg AP	NT	
Item 4	Pos KM, Seratec Hemdirect	Pos AP, Micro, PSA	NT	
2PZXW9				
Item 3	Pos HemaTrace, KM	Neg ALS, BCIP	Neg Phadebas	
Item 4	Pos HemaTrace, KM	Pos ALS, BCIP, p30, Micro	Neg Phadebas	
2Q2HRR				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
2R423A				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2TZ9T9					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT
2UBNZT					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
2WH7YN					
Item 3	Pos	KM, ABA	Neg	AP	Neg Phadebas
Item 4	Pos	KM, ABA	Pos	AP, PSA	Neg Phadebas
2YMM68					
Item 3	Pos	Kastle Meyer	Neg	Acid Phosphatase	NT
Item 4	Pos	Kastle Meyer	Pos	Acid Phosphatase	NT
2ZGJJT					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
33YWTV					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
37CC42					
Item 3	Pos	Kastle Mayer Test	Neg	Acid Phosphatase Test	NT
Item 4	Pos	Kastle Mayer Test	Pos	Acid Phosphatase Test	NT
37FYKF					
Item 3	Pos	TMB, KM	Neg	ALS, AP, Micro	NT
Item 4	Pos	TMB, KM	Pos	ALS, AP, Micro	NT
38TRV3					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
38WE9A					
Item 3	Pos	KM, Hemdirect, Luminol, Tak	Neg	AP	NT
Item 4	Pos	KM, Luminol	Pos	AP, Micro, ALS	NT
3BT9V4					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, RSID-Semen, Micro	NT
3DCRVU					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3EP83G					
Item 3	Pos	LMG, HT	Neg	AP, PSA	NT
Item 4	Pos	LMG, HT	Pos	AP, PSA	NT
3JM4A2					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas
3KTCWL					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	Neg ALS, SALIgAE
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro	Neg ALS, SALIgAE
3KV4LG					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	NT
3KZ2XH					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP	NT
3ML6R6					
Item 3	Pos	HemaTrace	Neg	p30, Micro	NT
Item 4	Pos	HemaTrace	Pos	p30, Micro	NT
3NJBEQ					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
3P8342					
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemaTrace	Pos	ALS, AP, p30, Micro	NT
3RPB32					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg Phadebas
3RX9JR					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
3U3P4G					
Item 3	Pos	PTMB	Neg	ALS, AP	NT
Item 4	Pos	PTMB	Pos	ALS, AP, Micro	NT
3YDMPH					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
462UKW							
Item 3	Pos	KM	Neg	AP	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
47PCF3							
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	NT		
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, PSA, Micro	NT		
49Z3TD							
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT		
Item 4	Pos	TMB, HemaTrace	Pos	ALS, AP, p30, Micro	NT		
4A8MC7							
Item 3	Pos	KM	Neg	AP	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
4C7ZNK							
Item 3	Pos	KM	Neg	AP	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
4DN4G6							
Item 3	Pos	HemaTrace, KM	Neg	Micro, PSA	Neg	RSID	Male DNA, Neg Y-Screen
Item 4	Pos	HemaTrace, KM	Pos	Micro, PSA	Neg	RSID	Male DNA, Pos Y-Screen
4HJL6W							
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT		
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT		
4HM482							
Item 3	Pos	Hexagon Obti	Neg	PSA	Neg	Phadebas	
Item 4	Pos	Hexagon Obti	Pos	PSA, AP	Neg	Phadebas	
4HQQNF							
Item 3	Pos	PHT, HemaTrace	Neg	ALS, AP mAP, Microscopic analysis	NT		
Item 4	Pos	TMB, HemaTrace	Pos	ALS, AP mAP, Microscopic analysis	NT		
4JFYRP							
Item 3	NT		Neg	Micro	NT		
Item 4	NT		Pos	Micro	NT		
4KFEKU							
Item 3	Pos	Hemident, HemaTrace	Neg	ABAcard p30, Sperm Hy-liter Express	NT		
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcard p30, Sperm Hy-liter Express	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4KTAJ8					
Item 3	Pos	Luminol, KM, HemDirect, Tak	Neg	AP, ALS	Neg Amylase Diffusion
Item 4	Pos	Luminol, KM, HemDirect, Tak	Pos	AP, ALS, Micro	Neg Amylase Diffusion
4LWLUH					
Item 3	Pos	O-tol, ALS	Neg	AP, Micro, p30, ALS	Neg Amylase, ALS
Item 4	Pos	O-tol, ALS	Pos	AP, Micro, p30, ALS	Neg Amylase, ALS
4M4R6X					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
4QL2HP					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
4UZ9DX					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
4XXU3E					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
4YKPBF					
Item 3	Pos	LMG	Neg	PSA, Micro	NT
Item 4	Pos	LMG	Pos	PSA, Micro	NT
6BG2DK					
Item 3	Pos	Phenolphthalein	Neg	ALS, AP	NT
Item 4	Pos	Phenolphthalein	Pos	ALS, AP, Micro, PSA	NT
6CCF6K					
Item 3	Pos	KM, HemaTrace	Neg	AP, ALS	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, ALS, Micro	NT
6HHBLY					
Item 3	Pos	KM, Hemastix	Neg	AP, PSA	NT
Item 4	Pos	KM, Hemastix	Pos	AP, PSA, Micro	NT
6KAL2D					
Item 3	Pos	KM	Neg	Micro, PSA +	Neg Phadebas +
Item 4	Pos	KM	Pos	AP, Micro (CT, SH) +	Neg Phadebas +

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6KJCNG					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Pos AP, Micro	NT	
6N9GLU					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
6NBM4V					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro		
6NDBQZ					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
6ZJX9R					
Item 3	Pos	KM	NT	NT	Male DNA, Neg Zygem
Item 4	Pos	KM	NT	NT	Male DNA, Pos Zygem
72B83T					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Pos AP, Micro	Neg Micro	
76JU6H					
Item 3	Pos	Hemastix (TMB)	Neg AP	NT	
Item 4	Pos	Hemastix (TMB)	Pos AP, Micro	NT	
77JYNC					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
78DM88					
Item 3	Pos	KM, ABACard	Neg AP, Micro	NT	
Item 4	Pos	KM, ABACard	Pos AP, Micro	NT	
7BHKZT					
Item 3	Pos	KM	Neg AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
7BY8CB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7CPJX3					
Item 3	Pos	KM, HEMDIRECT	Neg ALS, AP, Micro, RSID Semen	Neg RSID Saliva	
Item 4	Pos	KM, HEMDIRECT	Pos ALS, AP, Micro	Neg RSID Saliva	
7GJFK9					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
7HE2DY					
Item 3	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Pos AP, Micro, PSA	Neg RSID	Human, Pos PowerQuant
7HHJEJ					
Item 3	Pos	KM, HemaTrace	Neg p30	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg RSID-Saliva	
7HZF3C					
Item 3	Pos	TMB, KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Pos ALS, AP, Micro	NT	
7KJK8Z					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
7LMNBH					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	Human origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg Phadebas	Human origin, Pos PowerQuant
7MPWCG					
Item 3	Pos	O-tol, HT	Neg AP	NT	
Item 4	Pos	O-tol, HT	Pos AP, Micro, PSA	NT	
7NCUVE					
Item 3	Pos	color, ppth, O-tol	Neg AP, Micro	NT	
Item 4	Pos	color, ppth, O-tol	Pos AP, Micro	NT	
7NMQ97					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
7PGVQF					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7PWAZA					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, PSA	NT
7RKLYF					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
7TDLU7					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	NT
7THNPB					
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
7VMMYD					
Item 3	Pos	TMB, KM, HemaTrace	Neg	ALS, AP, Micro	NT
Item 4	Pos	TMB, KM, HemaTrace	Pos	ALS, AP, Micro	NT
7WFHFU					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
7YQRYX					
Item 3	Pos	KM, TMB (combur)	Neg	AP, PSA	Neg Phadebas
Item 4	Pos	KM, TMB (combur)	Pos	AP, PSA, Micro	Neg Phadebas
7ZF8ZT					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA, ALS	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA, ALS	NT
826GB2					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	NT
832B9Q					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas
837GX2					
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA	Neg RSID Saliva
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	Neg RSID Saliva
84BH9X					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
88RAEN					
Item 3	Pos	KM	NT	NT	Male Screen, Neg Zygem
Item 4	Pos	KM	NT	NT	Male Screen, Pos Zygem
8B3CXK					
Item 3	Pos	visual, KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press Test	
Item 4	Pos	visual, KM, ABACard HemaTrace	Pos AP, PSA, DNA	Neg Phadebas Press Test	
8DD72P					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-screening
Item 4	Pos	HemaTrace, KM	Pos Micro, PSA	Neg RSID	Male DNA, Pos Y-screening
8FKNXZ					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos	KM, HemaTrace	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
8FTZ6B					
Item 3	Pos	KM	Neg Micro (CT) PSA	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro (CT, SH)	Neg Phadebas	
8H8AW3					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
8HVZ4M					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
8MACJC					
Item 3	Pos	KM			
Item 4	Pos	KM			
8MC2M9					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
8PB6TV					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebas	
8Q8FR6					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8QMJFA					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
8RHK49					
Item 3	Pos	LMG	Neg PSA, AP	Neg RSID Saliva	
Item 4	Pos	LMG	Pos PSA, AP	Neg RSID Saliva	
8UBQ7Y					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
8UCH3L					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
8V4RX9					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
922C8C					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP Micro	NT	
96ZLKY					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, Pos Plexor HY
Item 4	Pos	KM, Takayama	Pos AP, Micro, PSA	NT	Human Origin, Pos Plexor HY
972Y6R					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
98VRXP					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
9AFVH					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	
9BQVUX					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
9BWGT6					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9DXDTT					
Item 3	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB	Pos ALS, AP, p30, Micro		species origin, Pos HemaTrace
9EPFDM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
9HP7XL					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro		
9J6LFN					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
9JBFDH					
Item 3	Pos	KM and HemaTrace	NT	NT	
Item 4	Pos	KM and HemaTrace	NT	NT	
9LAE83					
Item 3	Pos	O-tol	Neg AP, PSA	Neg RSID	
Item 4	Pos	O-tol	Pos AP, PSA	Neg RSID	
9LGT6G					
Item 3	Pos	Hemochromogen			hair, Neg Visual
Item 4	Pos	Hemochromogen	Pos AP, Micro		hair, Neg Visual
9M3NE4					
Item 3	Pos	Hemdiect, luminol, KM, Takayama	Neg ALS, STMP, Micro	Neg Amylase Diffusion	
Item 4	Pos	KM	Pos STMP, Micro	Neg Amylase Diffusion	
9M4GCB					
Item 3	Pos	KM, O-tol, RSID-Blood	Neg Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Pos Micro, PSA	NT	
9M87G9					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT Phadebas	
9QGUPD					
Item 3	Pos	O-tol, HemaTrace	Neg ALS, AP, PSA, Micro	Neg RSID	
Item 4	Pos	O-tol	Pos ALS, AP, PSA, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9T7DEG					
Item 3	Pos	KM	Neg	ALS, AP, PSA	NT
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
9UVUL4					
Item 3	Pos	KM	NT	NT	Seminal fluid, Neg AP, ALS
Item 4	Pos	KM	Pos	AP, Micro, ALS	NT
9VENC7					
Item 3	Pos	KM	Neg	AP, Micro for Sperm	NT
Item 4	Pos	KM	Pos	AP, Micro for Sperm	NT
9WPEQG					
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT
A46TFK					
Item 3	Pos	PTMB, RSID	Neg	ALS, AP	Neg Phadebas Tablet Urine, Neg RSID
Item 4	Pos	PTMB	Pos	ALS, AP, PSA, Micro	NT
A7T28F					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP, p30, Micro	NT
A7V8NV					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
A8Q8RF					
Item 3	Pos	HemaTrace	Neg	p30	NT
Item 4	Pos	KM, HemaTrace	Pos	p30, Micro	Neg RSID
A9JMX3					
Item 3	Pos	KM	Neg	ALS, AP, Micro	Inc ALS, Phadebas Human DNA, Pos Quant Trio
Item 4	Pos	KM	Pos	ALS, AP, Micro	Neg ALS, Phadebas Human DNA, Pos Quant Trio
AB27YF					
Item 3	Pos	KM	NT	NT	Male DNA, Neg Zygem, qRT-PCR
Item 4	Pos	KM	NT	NT	Male DNA, Pos Zygem, qRT-PCR
AB8D93					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ABR68F					
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT
ACD9JT					
Item 3	Pos	Phen, HemaTrace	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	Phen, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
ACEE4E					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
AFFHV2					
Item 3	Pos	KM, HemDirect, Takayama, Luminol	Neg	AP, Micro, ALS	Neg Amylase Diffusion
Item 4	Pos	KM, Takayama, Luminol	Pos	AP, Micro, ALS	Neg Amylase Diffusion
AGJU7C					
Item 3	Pos	PPTH, O-tol, color	Neg	AP, Micro	NT
Item 4	Pos	PPTH, O-tol, color	Pos	AP, Micro	NT
AKC8DU					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
AMY36N					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
AMYZH6					
Item 3	Pos	TMB	Neg	ALS, AP	NT Human Origin, Pos HEM
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT Human Origin, Pos HEM
ANVE8H					
Item 3	Pos	KM, HemaTrace	Neg	p30	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	p30, Micro	Neg RSID
APNRMZ					
Item 3	Pos	TMB, HemaTrace	Neg	AP	
Item 4	Pos	TMB, HemaTrace	Pos	AP, Micro	
ARFW8K					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
ATTF7W					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AXZ9WL					
	Item 3	Pos KM	Neg AP, PSA, Micro		
	Item 4	Pos KM	Pos AP, PSA, Micro		
AZ4G4Z					
	Item 3	Pos TMB	Neg AP, Micro, ALS	NT	Human Origin, Pos HemaTrace
	Item 4	Pos TMB	Pos AP, Micro, ALS	NT	Human Origin, Pos HemaTrace
AZW9M8					
	Item 3	Pos KM	Neg AP, PSA	NT	Human Blood, Pos RSID
	Item 4	Pos KM	Pos AP, PSA	NT	Human Blood, Pos RSID
B2XCKG					
	Item 3	Pos KM	Neg AP, ALS	NT	
	Item 4	Pos KM	Pos AP, Micro, ALS	NT	
B68KE7					
	Item 3	Pos KM, HemaTrace	Neg AP, p30(PSA)	NT	ALS, Neg
	Item 4	Pos KM, HemaTrace	Pos AP, p30 (PSA), Micro,	NT	ALS, Neg
B6TCCX					
	Item 3	Pos HemaTrace, Phenolphthalein	Neg PSA, Microscopy	Neg RSID Saliva	Male DNA, Neg Y-screening
	Item 4	Pos HemaTrace, Phenolphthalein	Pos PSA, Microscopy	Neg RSID Saliva	Male DNA, Pos Y-screening
B9BA29					
	Item 3	Pos LMG, RSID-Saliva, AP	Neg	Neg	
	Item 4	Pos LMG, AP, RSID-Saliva	Pos	Neg	
B9ZB4J					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
BA8VLR					
	Item 3	Pos KM, OBTI	Neg ALS	NT	
	Item 4	Pos KM, OBTI	Pos ALS, AP, Micro	NT	
BCP8BG					
	Item 3	Pos KM	NT	NT	Seminal Fluid, Neg AP
	Item 4	Pos KM	Pos AP, Micro	NT	
BE4K4K					
	Item 3	Pos Hexagon Obti	Neg Seratec (PSA)	Neg Phadebas	
	Item 4	Pos Hexagon Obti	Pos Seratec (PSA)	Neg Phadebas	Sperm, Pos Micro Christmas Tree

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BE73CG					
Item 3	Pos	HemDirect	Neg AP	NT	
Item 4	Pos	HemDirect	Pos AP, Micro, PSA	NT	
BET4U					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg Phadebas	
BEWDXH					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Pos PSA, Micro	NT	
BFU7U8					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Pos AP	NT	
BKNHUT					
Item 3	Pos	KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
Item 4	Pos	KM, OBTI	Pos ALS, AP, Micro, p30	Neg Phadebas	
BLXNWV					
Item 3	Pos	Hemastix			
Item 4	Pos	Hemastix	Pos Brentamine		
BLZEZX					
Item 3	Pos	O-tol	Neg AP, PSA		
Item 4	Pos	O-tol	Pos AP		
BM3EQ4					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
BMENBJ					
Item 3	Pos	Heme	Neg PSA, Micro	NT	
Item 4	Pos	Heme	Pos PSA, Micro		
BNRVBC					
Item 3	Pos	KM, HemDirect	Neg AP, Micro	NT	
Item 4	Pos	KM, HemDirect	Pos AP, Micro	NT	
BQTG7H					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
BRVD3E					
Item 3	Pos	KM, HemaTrace	Neg AP, ABACard - p30	Neg Phadebas	Human origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, ABACard-p30	Neg Phadebas	Human origin, Pos PowerQuant

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BUCDU9					
Item 3	Pos	LMG	Neg AP	Neg	RSID-Saliva
Item 4	Pos	LMG	Pos AP, PSA	Neg	RSID-Saliva
BUTRXC					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Pos AP, Micro	NT	
BXC9NA					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
BXFPPU					
Item 3	Pos	Hemastix (TMB), HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	Hemastix (TMB), HemaTrace	Pos ALS, AP, Micro, PSA	NT	
BXJ2Z6					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro		
C27ZZY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
C3499H					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
C6QV27					
Item 3	Pos	KM and HemaTrace	Neg ALS, AP, PSA, and Micro	Neg	SALlgAE
Item 4	Pos	KM and HemaTrace	Pos ALS, AP, PSA, and Micro	Neg	SALlgAE
C7PARP					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
C9NKWJ					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg	RSID Male DNA, Neg Y-screening
Item 4	Pos	KM, HemaTrace	Pos PSA, Micro	Neg	RSID Male DNA, Pos Y-screening
CAMGT9					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg	Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CC6PR8					
Item 3	NT		Neg AP	NT	Male DNA Screen, Inc Quantifiler Trio
Item 4	NT		Pos AP	NT	Male DNA Screen, Pos Quantifiler Trio
CCEUV7					
Item 3	Pos KM		Neg AP, Micro, ABA p30	NT	
Item 4	Pos KM		Pos AP, Micro, ABA p30	NT	
CCV6CP					
Item 3	Pos KM		Neg AP		
Item 4	Pos KM		Pos AP, Micro, PSA		
CD28ZN					
Item 3	Pos TMB		Neg ALS, AP	NT	
Item 4	Pos TMB		Pos ALS, AP, Micro, PSA	NT	
CDPVDX					
Item 3	Pos Hemastix, HemaTrace		Neg Acid Phosphatase	Neg RSID Saliva	
Item 4	Pos Hemastix, HemaTrace		Pos Acid Phosphatase, Sperm search	Neg RSID Saliva	
CF2JGW					
Item 3	Pos LMG, HemaTrace		Neg PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace		Pos PSA, Micro	NT	
CFRDGE					
Item 3	Pos TMB		Neg ALS, AP	NT	
Item 4	Pos TMB		Pos ALS, AP, Micro, PSA	NT	
CNMB73					
Item 3	Pos TMB		Neg ALS, AP		
Item 4	Pos TMB		Pos ALS, AP, Micro, PSA		
CR4KEZ					
Item 3	Pos KM		Neg AP	NT	
Item 4	Pos KM		Pos AP, Micro	NT	
CRPLLH					
Item 3	Pos KM		Neg ALS, AP	NT	
Item 4	Pos KM		Pos ALS, AP, Micro	NT	
CX9GYZ					
Item 3	Pos KM		Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM		Pos AP, Micro	Neg Phadebas	
CXTBMG					
Item 3	Pos PTMB		Neg ALS, AP	NT	
Item 4	Pos PTMB		Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CY3AUJ					
Item 3	Pos	ABA Heme	Neg	PSA, Micro	NT
Item 4	Pos	ABA Heme	Pos	PSA Micro	NT
CYN6WZ					
Item 3	Pos	KM, Luminol	Neg	STMP, ALS	NT
Item 4	Pos	KM, Luminol	Pos	STMP, Micro, ALS	NT
CZLFJF					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
D2QL6F					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Pos	AP, Micro	NT
D3KMFR					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Pos	Micro, AP	NT
D3L6A2					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP, Micro	NT
D9HF89					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	Neg Amylase
D9NX2Q					
Item 3	Pos	KM, Hemastix	NT		NT
Item 4	Pos	KM, Hemastix	NT		NT
D9RBVE					
Item 3	Pos	HemaTrace	Neg	PSA	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	PSA; Micro	NT
DBB8FY					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
DBBCTL					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, ALS, Micro	NT
DBHT9E					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DBQH46					
Item 3	Pos	KM, Micro (Takayama)	Neg AP, PSA, Micro (Sperm)	Inc Amylase	
Item 4	Pos	KM, Micro (Takayama)	Pos AP, PSA, Micro (Sperm)	Neg Amylase	
DBZU8A					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP	NT	
DC48BN					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA	NT	
DD3XPP					
Item 3	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas press test	
Item 4	Pos	KM, ABACard HemaTrace	Pos AP, p30	Neg Phadebas press test	
DDKUAB					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
DEATYN					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg Phadebas	
DEE449					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
DF6AGD					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
DGUVE9					
Item 3	Pos	LMG	Neg AP, PSA, Micro	NT	
Item 4	Pos	LMG	Pos AP, PSA, Micro	NT	
DK3AVU					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP, Micro	NT	
DL36MC					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
DLLXKU					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
DQJDHG							
Item 3	Pos	KM, HemaTrace	Neg	PSA, Micro	Neg	RSID	Male DNA, Neg Y-screening
Item 4	Pos	KM, HemaTrace	Pos	PSA, Micro	Neg	RSID	Male DNA, Pos Y-screening
DQUAFG							
Item 3	Pos	PTMB	Neg	AP	NT		
Item 4	Pos	PTMB	Pos	AP	NT		
DR664U							
Item 3	Pos	TMB	Neg	AP	NT		
Item 4	Pos	TMB	Pos	AP, Micro	NT		
DRKNQC							
Item 3	Pos	KM, HemaTrace ABA	Neg	AP	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace ABA	Pos	AP, PSA	Neg	Phadebas	
DRXTX4							
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	NT		
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, PSA, Micro	NT		
DTU4XD							
Item 3	Pos	TMB	Neg	ALS, AP	NT		
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT		
DUA233							
Item 3	Pos	KM	Neg	Micro (CT), PSA	Neg	Phadebas	
Item 4	Pos	KM	Pos	AP, Micro (CT, SH)	Neg	Phadebas	
DZRQRX							
Item 3	Pos	LMG	Neg	ALS, AP	NT		
Item 4	Pos	LMG	Pos	ALS, AP, PSA, Micro	NT		
DZYA22							
Item 3	Pos	KM	Neg	AP	Neg	Amylase Radial Diffusion	
Item 4	Pos	KM	Pos	AP, Micro	Neg	Amylase Radial Diffusion	
E22339							
Item 3	Pos	TB, OBTI	Neg	PSA, RSID Semen	Neg	RSID Saliva	
Item 4	Pos	TB, OBTI	Pos	PSA, RSID Semen	Neg	RSID Saliva	
E7KP4D							
Item 3	Pos	KM, ABACard HemaTrace	Neg	AP	Neg	Phadebas Press Test	
Item 4	Pos	KM, ABACard HemaTrace	Pos	AP, PSA	Neg	Phadebas Press Test	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
E89AGW					
Item 3	Pos	Visual Exam, Luminol, KM, Takayama, Hemdirect	Neg	ALS, AP, Micro	Neg Amylase Diffusion
Item 4	Pos	Visual Exam, Luminol, KM, Takayama	Pos	ALS, AP, Micro	Neg Amylase Diffusion
E9MWXP					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
EAEAMH					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
EBLN6					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, PSA	NT
EFWKJ7					
Item 3	Pos	LMG, ABA HemaTrace	Neg	AP, PSA, Micro, ALS	NT
Item 4	Pos	LMG, ABA HemaTrace	Pos	AP, PSA, Micro, ALS	NT
EGW97G					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP	NT
EKHQQM					
Item 3	Pos	LMG, HemaTrace	Neg	AP (Brentamine)	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
ELBDQC					
Item 3	Pos	KM, HemaTrace	Neg	AP, p30	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, p30, Micro	Neg RSID
ELRERT					
Item 3	Pos	Kastle Meyer	Neg	Seratec PSA	Neg Seratec Amylase
Item 4	Pos	Kastle Meyer	Pos	Seratec PSA	Neg Seratec Amylase
EPPV79					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	NT
EQKHE6					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	NT
EQNNVK					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EVHVMN					
Item 3	Pos	TMB	Neg AP, ALS	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Pos AP, ALS, PSA, Micro	NT	Species Origin, Pos HemaTrace
EXGCH6					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, PSA, Micro	NT	
EXPQ7C					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
F26LJP					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
F2ZMA9					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	
F4LEEJ					
Item 3	Pos	KM, Hexgon OBTI	Neg AP	NT	
Item 4	Pos	KM, Hexgon OBTI	Pos AP, PSA, Micro	NT	
F9HBNA					
Item 4	Pos	KM, HemaTrace	Pos p30, Micro, ALS	Neg RSID	
FA9G4Z					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
FCETTP					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
FCUBUA					
Item 3	Pos	KM	NT	NT	male screen, Neg zygem
Item 4	Pos	KM	NT	NT	male screen, Pos zygem
FCWT47					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
FHUG9Y					
Item 3	Pos	KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Pos AP, Micro	Neg Amylase Radial Diffusion	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FJGCFY					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP, Micro	NT	
FL7822					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
FMHKKA					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Pos AP	NT	
FNR2L9					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	
FNR4AR					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Pos AP, Micro	NT	
FNZDRY					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
FPQJ9P					
Item 3	Pos	KM and Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM and Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
FQ2J86					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg Radial Diffusion	
FUEDT4					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP, Micro	NT	
FWBFCE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
FXY3GM					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
FYTALE					
Item 3	Pos	ABA	Neg PSA, Micro	NT	
Item 4	Pos	ABA	Pos PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FZBQ8E					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Pos AP, ALS, Micro	NT	
FZZU69					
Item 3	Pos	KM			Zygem (y-screen), Neg Zygem screening
Item 4	Pos	KM			Zygem (y-screen), Pos Zygem screen
G2F9E4					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Pos AP, PSA	Neg RSID-Saliva	
G3CBA6					
Item 3	Pos	PPTH, O-tol, red-brown	Neg AP, Micro	NT	
Item 4	Pos	PPTH, O-tol, red-brown	Pos AP, Micro	NT	
G649X4					
Item 3	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	NT	
G69LP7					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Pos RSID	Neg RSID	
G82LVG					
Item 3	Pos	LMG, Seratec HemDirect	Neg Seratec PSA	Neg RSID Saliva	
Item 4	Pos	LMG, Seratec HemDirect	Pos Seratec PSA, Baecchi-Staining	Neg RSID Saliva	
GD8669					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Seratec, Micro	NT	
GDBED9					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	
GEFAPJ					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
GFHQF4					
Item 3	Pos	PTMB	Neg ALS, AP	NT	
Item 4	Pos	PTMB	Pos ALS, AP, Micro	NT	
GHJ8YQ					
Item 3	Pos	HemaTrace	Neg p30, Micro, ALS		
Item 4	Pos	HemaTrace	Pos p30, Micro, ALS		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GHMKTE					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	NT	
GJCRBQ					
Item 3	Pos	KM, Takayama	Neg AP	Neg Phadebas	Human origin, Pos Plexor HY
Item 4	Pos	KM, Takayama	Pos AP, Micro	Neg Phadebas, RSID-Saliva	Human origin, Pos Plexor HY
GMXYPX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GNB8LY					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
GNRPVC					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablets	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
GP2PYY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
GQYJK6					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
GQYZU2					
Item 3	Pos	KM	Neg AP*, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro, PSA	Neg Phadebas	
GVELRE					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
GVPUTG					
Item 3	Pos	O-tol, Hemoglobin	Neg AP, Micro, PSA, ALS	Neg Amylase	
Item 4	Pos	O-tol, Hemoglobin	Pos AP, Micro, PSA, ALS	Neg Amylase	
GWKG6L					
Item 3	Pos	KM	Neg ALS, AP, PSA, Micro	Neg Amylase by radial Diffusion	Y screen, Neg alkaline lysis
Item 4	Pos	KM	Pos ALS, AP, PSA, Micro	Neg Amylase by radial Diffusion	Y screen, Pos alkaline lysis

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GXBVDV					
Item 3	Pos	LMG	Neg	AP, ALS	NT
Item 4	Pos	LMG	Pos	AP, Micro, PSA, ALS	NT
GY6JXC					
Item 3	Pos	KM	Neg	AP	Neg RSID
Item 4	Pos	KM	Pos	AP, Micro	Neg RSID
H3QJV8					
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT
H6RV9Y					
Item 3	Pos	TMB, HemaTrace	Neg	AP, ALS	NT
Item 4	Pos	TMB, HemaTrace	Pos	AP, ALS, Micro, PSA	NT
H6XFH3					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, p30	Inc Amylase radial Diffusion
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro	Inc Amylase radial Diffusion
H8F886					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	NT
H97KGA					
Item 3	Pos	KM, HemaTrace	Neg	PSA	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	PSA	Neg RSID
H9AG9E					
Item 3	Pos	KM, HemeDirect	Neg	AP	NT
Item 4	Pos	KM, HemeDirect	Pos	AP	NT
HA7R8M					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP, Micro	NT
HAZYCF					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
HBZWRG					
Item 3	Pos	HemaTrace	Neg	ALS	NT
Item 4	Pos	HemaTrace	Pos	ALS, AP, PSA, Micro	NT
HDAMVW					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HEL76U					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg	RSID
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg	RSID
HG7B9X					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
HKRUUP					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
HPGJZK					
Item 3	Pos	O-tol	Neg AP	NT	Human Blood, Pos ABAcad HemaTrace
Item 4	Pos	O-tol	Pos AP; Micro	NT	Human Blood, Pos ABAcad HemaTrace
HQQKU7					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
HRLHAM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
HT37XE					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
HV33XM					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, Takayama	Pos AP, Micro, PSA	Neg	RSID, Phadebas Human Origin, Pos Plexor HY
HXRETM					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg	SALigAE
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg	SALigAE
HY9YPN					
Item 3	Pos	TMB	Neg AP	NT	
Item 4	Pos	TMB, HemaTrace	Pos AP, PSA, Micro	NT	
HYGWKL					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	Phadebas

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
J3XCXK						
Item 3	Pos	KM, TMB	Neg	AP, Micro, PSA	Neg	RSID
Item 4	Pos	KM, TMB	Pos	AP, Micro, PSA	Neg	RSID
J4ZD7H						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT	
J8LAVM						
Item 3	Pos	Hemastix				
Item 4	Pos	Hemastix	Pos	Brentamine		
J8NVQ3						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
J979KC						
Item 3	Pos	KM	Neg	PSA		
Item 4	Pos	KM	Pos	AP, PSA		
J9NJKZ						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
JCG22X						
Item 3	Pos	KM	Neg	Phosphatesmo	Neg	Phadebas
Item 4	Pos	KM	Pos	Phosphatesmo	Neg	Phadebas
JCKBM6						
Item 3	Pos	KM, qRT-PCR	NT		NT	Male DNA, Neg Zygem, qRT-PCR
Item 4	Pos	KM, qRT-PCR	NT		NT	Male DNA, Pos Zygem, qRT-PCR
JD2BY8						
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT	
JDW8WF						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
JG2Q6A						
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	NT	
JGY2W7						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JKMVUD					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
JKWGE2					
Item 3	NT		Neg AP	NT	Male Screen Quantitation, Neg Quantifiler Trio
Item 4	NT		Pos AP	NT	Male Screen Quantitation, Pos Quantifiler Trio
JLT6JH					
Item 3	Pos	KM, TMB	Neg PSA, Micro	NT	
Item 4	Pos	KM, TMB	Pos PSA, Micro	NT	
JMZF6Z					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
JRBHDB					
Item 3	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-screening
Item 4	Pos	HemaTrace, KM	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
JXNP6L					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	Pos AP, Micro		
JXPH29					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
JY4PPB					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos	PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	Neg Phadebas tablet	Urine, Neg Urित्रace
JYGZ4P					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA	Neg RSID	
K23QJ6					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
K7FVGU					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
K7GBVK					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, RSID Semen, Micro	NT	Spermatozoa
K8P66K					
Item 3	Pos	KM, Human	Neg ALS, AP, Micro, PSA	Neg Phadebus	
Item 4	Pos	KM, Human	Pos ALS, AP, Micro, PSA	Neg Phadebus	
K8R2YV					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
K9LG4U					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	NT	
KBPAZD					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Radial Diffusion	
KDV9EX					
Item 3	Pos	KM	Neg Micro (CT), PSA	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro (CT, SH)	Neg Phadebas	
KEWRR2					
Item 3	Pos	red-brown, ppth, O-tol	Neg AP, Micro	NT	
Item 4	Pos	red-brown, ppth, O-tol	Pos AP, Micro	NT	
KPD328					
Item 3	Pos	HemDirect	Neg ALS, AP	NT	
Item 4	Pos	HemDirect	Pos ALS, AP, p30, Micro	NT	
KPJRHV					
Item 3	Pos	HemaTrace	Neg ABA p30	NT	
Item 4	Pos	HemaTrace	Pos ABA p30	NT	
KPVJ7T					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
KQ7NEB					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Pos AP	NT	
KUJXEF					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KX8QP4					
Item 3	Pos	Hemident, HemaTrace	Neg	ABAcad p30, Sperm Hy-Liter Express	NT
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcad p30, Sperm Hy-Liter Express	NT
KZ8MX6					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, ALS	NT
KZQ73B					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
L2X9YU					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
L6NHZ2					
Item 3	Pos	KM, HemDirect	Neg	PSA, AP, ALS, Micro	NT
Item 4	Pos	KM, HemDirect	Pos	PSA, AP, ALS, Micro	NT
L6Z8VY					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP, Micro	NT
L792CE					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, Micro, ALS	NT
L7MPBK					
Item 3	Pos	ABAcad HemaTrace	Neg	p30, Micro	NT
Item 4	Pos	ABAcad HemaTrace	Pos	p30, Micro	NT
L83PVA					
Item 3	Pos	ABA heme	Neg	PSA, Micro	NT
Item 4	Pos	ABA heme	Pos	PSA, Micro	NT
LAEKJM					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg RSID
LCCAEZ					
Item 3	Pos	KM, qRT-PCR	NT	NT	male DNA, Neg Zygem, qRT-PCR
Item 4	Pos	KM, qRT-PCR	NT	NT	male DNA, Pos Zygem, qRT-PCR

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LDAEE3					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, AP	NT
LDJHEU					
Item 3	Pos	LMG	Neg	AP	NT
Item 4	Pos	LMG	Pos	AP, Micro	NT
LDPPW9					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
LFLP97					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
LH3MCH					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, p30	Neg Phadebas, ALS
Item 4	Pos	KM, Hemtrace	Pos	ALS, AP, Micro, p30	Neg Phadebas, ALS
LHNXEW					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
LJGVW4					
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT
LJYXCQ					
Item 3	Pos	LMG, HT	Neg	AP	NT
Item 4	Pos	LMG, HT	Pos	AP, PSA	NT
LKH449					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
LKUGHY					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
LLQBEN					
Item 3	Pos	TMB, HemaTrace	Neg	AP	Neg RSID Saliva
Item 4	Pos	TMB, HemaTrace	Pos	AP, Micro	Neg RSID Saliva
LMFDPP					
Item 3	Pos	LMG	Neg	ALS, AP	NT
Item 4	Pos	LMG	Pos	ALS, AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LMY4V4					
Item 3	Pos	PH, HT	NT	NT	Neg ALS negative
Item 4	Pos	PH, HT	Pos AP, p30, Micro	NT	Neg ALS negative
LP8AEJ					
Item 3	Pos	KM	Neg AP	NT	Human, Pos Plexor HY
Item 4	Pos	KM	Pos AP, Micro	NT	Human, Pos Plexor HY
LQ8LJ6					
Item 3	Pos	Kastle Meyer	Neg Acid Phosphatase	Neg Phadebas Press Test	Human Blood, Pos ABACard
Item 4	Pos	Kastle Meyer	Pos Acid Phosphatase, PSA	Neg Phadebas Press Test	Human Blood, Pos ABACard
LRYH9Y					
Item 3	Pos	KM, Tak	Neg ALS, AP, Micro, p30	Neg Amylase	
Item 4	Pos	KM, Tak	Pos ALS, AP, Micro	Neg Amylase	
LTK2G6					
Item 3	Pos	KM	Neg AP, PSA, ALS	Neg RSID	
Item 4	Pos	KM	Pos AP, PSA, Micro, ALS	Neg RSID	
LUGF94					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	Semen, Neg ALS
LV727Z					
Item 3	Pos	LMG, Ouchterlony (anti hu-hb)	Neg AP, PSA, Micro	Neg Amylase radial Diffusion	
Item 4	Pos	LMG, Ouchterlony (anti hu-hb)	Pos AP, PSA, Micro	Neg Amylase radial Diffusion	
LVW29C					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
LXJBXY					
Item 3	Pos	TMB, PHT, HemaTrace	Neg ALS, AP, Micro		
Item 4	Pos	TMB, PHT, HemaTrace	Pos ALS, AP, Micro		
LZ6ARM					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
LZLCWB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
M2UU4K							
Item 3	Pos	KM, HemaTrace	Neg	PSA, Micro	Neg	RSID	Male DNA, Neg Y-Screening
Item 4	Pos	KM, HemaTrace	Pos	PSA, Micro	Neg	RSID	Male DNA, Pos Y-Screening
M2ZG6D							
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT		
M448DE							
Item 3	Pos	KM	Neg	AP, Micro, PSA	NT		
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT		
M77V9P							
Item 3	Pos	LMG, HT	Neg	AP	NT		
Item 4	Pos	LMG, HT	Pos	AP, PSA	NT		
M7PVCE							
Item 3	Pos	TMB	Neg	ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT		Human Origin, Pos HemaTrace
M7WBUT							
Item 3	Pos	LMG	Neg	AP	NT		
Item 4	Pos	LMG	Pos	AP, Micro	NT		
MCG7YC							
Item 3	Pos	KM, Takayama	Neg	AP	NT		
Item 4	Pos	KM, Takayama	Pos	AP	NT		
MCYQGN							
Item 3	Pos	LMG	Neg	ALS, AP	NT		
Item 4	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT		
MG7HLF							
Item 3	Pos	TMB	Neg	ALS, AP	NT		Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT		Species Origin, Pos HemaTrace
MJQ8RL							
Item 3	Pos	Hemastix, HemaTrace	Neg	AP	NT		
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, PSA, Micro	NT		
ML29RR							
Item 3	Pos	TMB	Neg	AP, ALS	NT		Human, Pos HemaTrace
Item 4	Pos	TMB	Pos	AP, PSA, ALS, Micro	NT		Human, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MP4846					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	NT	
MPJUVD					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
MR3G77					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Pos Micro, PSA	Neg RSID	Pos Y-Screening
MTX4PP					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
MUD39E					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP		
Item 4	Pos	TMB, HemaTrace	Pos ALS, AP, Micro, PSA		
MUFFMF					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
MUFW2M					
Item 3	Pos	O-tol, HemaTrace	Neg PSA, Micro	Neg Seratec Saliva	
Item 4	Pos	O-tol, HemaTrace	Pos PSA, Micro	Neg Seratec Saliva	
MYNHAQ					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
MYUB96					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
MZ6Q37					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
N2ULYD					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
N4YC48					
Item 3	Pos	KM	Neg PSA, Micro	NT	
Item 4	Pos	KM	Pos PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
N74J7E					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	Neg Phadebas	Human, Pos OBTI
Item 4	Pos	KM	Pos ALS, AP, Micro, PSA	Neg Phadebas	Human, Pos OBTI
N7Q783					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
N7X6PK					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
N8GXWA					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Pos AP, Micro, ALS	NT	
NA2XXB					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
NBT6VT					
Item 3	Pos	O-tol, HemDirect, PMB	Neg AP, PSA, Micro	Neg Seratec Amylase	
Item 4	Pos	O-tol, HemDirect, PMB	Pos AP, PSA, Micro	Neg Seratec Amylase	
NBWMVC					
Item 3	Pos	KM	Neg ALS, AP, PSA, Micro	Neg Amylase	Y screen, Neg Alkaline lysis
Item 4	Pos	KM	Pos ALS, AP, PSA, Micro	Neg Amylase	Y screen, Pos Alkaline lysis
NC28ET					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro	NT	
NECZWY					
Item 3	Pos	KM	NT	NT	male DNA, Neg Zygem
Item 4	Pos	KM	NT	NT	male DNA, Pos Zygem
NK67J3					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Seratec, Micro	NT	
NMVM8A					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Pos AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NMYD76					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
NP4XVQ					
Item 3	Pos	LMG	Neg	AP	NT
Item 4	Pos	LMG	Pos	AP, Micro	NT
NPZUBG					
Item 3	Pos	KM, ABA HemaTrace	Neg	AP	NT
Item 4	Pos	KM, ABA HemaTrace	Pos	AP, Light Microscopy	NT
NRZBZW					
Item 3	NT		Neg	AP	NT
Item 4	NT		Pos	AP	NT
NT27DF					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas
NU9ANC					
Item 3	Pos	KM	Neg	AP	
Item 4	Pos	KM	Pos	AP, Micro	
NV7F67					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
NW3G69					
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
NWWTHH					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, PSA	Neg Phadebas
NWZMQA					
Item 3	Pos	Hemident, HemaTrace	Neg	ABAcad p30, Sperm Hy-liter Express	NT
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcad p30, Sperm Hy-liter Express	NT
NXQCTW					
Item 3	Pos	LMG	Neg	AP	Neg RSID-Saliva
Item 4	Pos	LMG	Pos	AP/PSA	Neg RSID-Saliva

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NXT4HR				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA	NT	
NY79EA				
Item 3	Pos Hemident, HemaTrace	Neg ABACard p30, Sperm Hy-liter Express	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-liter Express	NT	
P3G9QL				
Item 3	NT	NT	NT	Y-Screen, Neg Alkaline lysis
Item 4	NT	NT	NT	Y-screen, Pos Alkaline lysis
P3JUM2				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, PSA, Micro	NT	
P3KLKA				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
P3L6DJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	
P4TYZQ				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos TMB, HemaTrace	Pos ALS, AP, Micro, p30	NT	
P4ZCTY				
Item 3	Pos KM	Neg ALS, FBB	NT	
Item 4	Pos KM	Pos ALS, FBB, PSA	NT	
PC7TD8				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PCC49K				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PHHYRK				
Item 3	Pos O-tol, HemaTrace	Neg AP, PSA	Neg Seratec Saliva	
Item 4	Pos O-tol, HemaTrace	Pos AP, PSA, Micro	Neg Seratec Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PJT4K2					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT
PK6ZRR					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
PN2MKF					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	NT
PPJJET					
Item 3	Pos	PTMB	Neg	AP	
Item 4	Pos	PTMB	Pos	AP, Micro	
PPWLMF					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
PQPH93					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
PTBEHE					
Item 3	Pos	TMB	Neg	ALS, AP	
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	
PUNVT8					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
PX3NLL					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
PZDBHE					
Item 3	Pos	KM, TMB	Neg	AP	NT
Item 4	Pos	KM, TMB	Pos	AP	NT
Q2GJTH					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
Q7HB8F					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	Pos	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
Q8EGU2					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
Q9G6TH					
Item 3	Pos	O-tol	Neg	AP	
Item 4	Pos	O-tol	Pos	AP	
QACGVD					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
QC3MC4					
Item 3	Pos	TMP	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
QCMPDQ					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
QE8GNE					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
QF9FUM					
Item 3	Pos	KM	Neg	AP and Micro	Neg RSID
Item 4	Pos	KM	Pos	AP and Micro	Neg RSID
QFHCED					
Item 3	Pos	TMB	Neg	ALS, AP	
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	
QH4TYT					
Item 3	Pos	HEXAGON-OBTI	Neg	PSA, Micro	Neg Phadebas Amylase test
Item 4	Pos	HEXAGON-OBTI	Pos	PSA, Micro	Neg Phadebas Amylase test
QH9JV4					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
QHR33V					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
QLRFJU					
Item 3	Pos	LMG	Neg	AP	Neg RSID-Saliva
Item 4	Pos	LMG	Pos	AP, PSA	Neg RSID-Saliva

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QLX7T4					
Item 3	Pos	PTMB	Neg ALS, AP	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
QM2FLF					
Item 3	Pos	KM, Takayama	Neg AP, Micro, PSA	Neg Phadebas, RSID Saliva	Human Origin, Pos Plexor HY
Item 4	Pos	KM, Takayama	Pos AP, Micro, PSA	Neg Phadebas, RSID Saliva	Human Origin, Pos Plexor HY
QMK9EC					
Item 3	Pos	KM, TMB	Neg Micro, AP, PSA	NT	
Item 4	Pos	KM, TMB	Pos Micro, AP, PSA	NT	
QNaNHT					
Item 3	Pos	LMG, RSID	Neg AP, RSID	Neg RSID	
Item 4	Pos	LMG, RSID	Pos AP, RSID	Neg RSID	
QNZVG7					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
QWNJP9					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
QZPMDP					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
R2CFYR					
Item 3	Pos	RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos	RSID-Blood	Pos RSID-Semen	Neg RSID-Saliva	
R3VATE					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
R48PWK					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg ALS, phadebas	Human DNA detected, Pos Quantifiler Trio
R6EL9V					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
R7BYRH						
Item 3	Pos	O-tol	Neg	AP	Neg	RSID
Item 4	Pos	O-tol	Pos	AP	Neg	RSID
R93CUE						
Item 3	Pos	KM, HB HemDirect	Neg	AP, Micro	NT	
Item 4	Pos	KM, HB HemDirect	Pos	AP, Micro, PSA	NT	
R9YDE7						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
RFXVWP						
Item 3	Pos	TMB, ABACard HemaTrace	Neg	AP, ALS	NT	
Item 4	Pos	TMB, ABACard HemaTrace	Pos	ALS, AP, Micro, ABACard p30	NT	
RK9WAF						
Item 3	Pos	HemaTrace	Neg	p30, Micro	NT	
Item 4	Pos	HemaTrace	Pos	p30, Micro		
RLA3WM						
Item 3	Pos	KM and HemaTrace	Neg	AP, PSA	Neg	Phadebas
Item 4	Pos	KM and HemaTrace	Pos	AP, PSA	Neg	Phadebas
RNDVT8						
Item 3	Pos	Hemident, HemaTrace	Neg	p30, Sperm Hy-Liter Express	NT	
Item 4	Pos	Hemident, HemaTrace	Pos	p30, Sperm Hy-Liter Express	NT	
RPM84G						
Item 3	Pos	KM, HemDirect	Neg	AP	NT	
Item 4	Pos	KM, HemDirect	Pos	AP, Micro	NT	
RQEH7Q						
Item 3	Pos	TMB	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
RTAMYH						
Item 3	Pos	KM, Takayama	Neg	ALS, AP, Micro, p30	Inc	ALS, Micro, Amylase
Item 4	Pos	KM, Takayama	Pos	ALS, AP, Micro	Inc	ALS, Micro, Amylase
RTK4WB						
Item 3	Pos	TMB	Neg	ALS, AP	NT	Species, Pos HemaTrace
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	Species, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RWTLAR					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
RXP4GM					
Item 3	Pos	LMG	Neg	AP	
Item 4	Pos	LMG	Pos	AP, Micro	
RYVQR7					
Item 3	Pos	TMB HemaTrace	Neg	AP, PSA	NT
Item 4	Pos	TMB HemaTrace	Pos	AP, PSA, Micro	Neg RSID Saliva
T2CWE2					
Item 3	Pos	HemaTrace, KM	Neg	Micro, AP	Male DNA, Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Pos	Micro, AP	Male DNA, Pos Y-Screening
T2XCXD					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, p30, Micro	Neg RSID
T4GH9T					
Item 3	Pos	KM			screen for male DNA, Neg Zygem
Item 4	Pos	KM			screen for male DNA, Pos Zygem
T6VLWY					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Pos	AP, Micro	Neg Phadebas
TAMC3P					
Item 3	NT		NT		Human, Pos Quant Duo
Item 4	NT		NT		Human, Pos Quant Duo
TANZTF					
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg RSID
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg RSID
TCDBGM					
Item 3	Pos	LMG	Neg	AP	Neg RSID
Item 4	Pos	LMG	Pos	AP	Neg RSID
TDAN9L					
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
TL6M2G						
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA, ALS	Neg Phadebas, ALS,	
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, PSA	Neg Phadebas, ALS	
TLXMVK						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro	NT	
TLZBVC						
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA, ALS	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA, ALS	Neg Phadebas	
TMC979						
Item 3	Pos	KM	Neg	ALS, AP, PSA, Micro	Neg Amylase	Male DNA, Neg Alkaline Lysis
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	Neg Amylase	Male DNA, Pos Alkaline Lysis
TMGJ97						
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	NT	
TPZFBV						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP	NT	
TRDEE7						
Item 3	Pos	TMB, HemaTrace	Neg	AP, p30	NT	
Item 4	Pos	TMB, HemaTrace	Pos	AP, p30, Micro	NT	
TUG4P2						
Item 3	Pos	PTMB, HemaTrace	Neg	AP, PSA, ALS	Neg Amylase-Phadebas tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Pos	AP, PSA, Micro	NT	
TUW8Y2						
Item 3	Pos	Heme	Neg	PSA, Micro	NT	
Item 4	Pos	Heme	Pos	PSA, Micro	NT	
TV4NVC						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT	
TWLR7C						
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Pos	ALS, AP, PSA, Micro	NT	
TY4TR6						
Item 3	Pos	O Tol, SeraTec HemDirect	Neg	AP, PSA, Micro	Neg SeraTec Amy card	
Item 4	Pos	O Tol, SeraTec HemDirect	Pos	AP, PSA, Micro	Neg SeraTec Amy card	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
TZJY6A						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg	ALS, Phadebas
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, PSA	Neg	ALS, Phadebas
U29KFC						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
U67BDB						
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas
U6RTMC						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, Takayama	Pos	AP, Micro, PSA	Neg	RSID-Saliva Human Origin, Pos Plexor HY
U8DLBZ						
Item 3	Pos	Kastle-Meyer	NT		NT	male DNA, Neg Zygem
Item 4	Pos	Kastle-Meyer				male DNA, Pos Zygem
UAXKKN						
Item 3	Pos	KM	Neg	AP		
Item 4	Pos	KM	Pos	AP, PSA, Microscopic		
UB6U82						
Item 3	Pos	PTMB, HemaTrace	Neg	ALS, AP, PSA	Neg	Phadebas tablets Urine, Neg Uritrace
Item 4	Pos	PTMB	Pos	ALS, AP, PSA, Micro	Neg	Phadebas tablets Urine, Neg Uritrace
UBBY7C						
Item 3	Pos	FOB One Step, RSID, HEMOPHAN	Neg	PSA, RSID, AP	Neg	RSID
Item 4	Pos	FOB One Step, RSID, HEMOPHAN	Pos	PSA, RSID, AP	Neg	RSID
UBEMF4						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
UD4D48						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
UE23CQ						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro	NT	
Item 4	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
UEXZKH						
Item 3	Pos	Hemdirect, luminol, KM, Takayama	Neg	ALS, STMP	NT	
Item 4	Pos	KM	Pos	ALS, Micro, STMP	NT	
UFUM42						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
UG7BCF						
Item 3	Pos	KM, Takayama	Neg	AP	NT	
Item 4	Pos	KM, Takayama	Pos	AP	NT	
ULYRVF						
Item 3	Pos	KM, Hemdirect	Neg	AP, RSID-Semenogelin	Neg	RSID-Saliva
Item 4	Pos	KM, Hemdirect	Pos	AP, RSID-Semenogelin, Micro	Neg	RSID-Saliva
UMATFT						
Item 3	Pos	KM	Neg	ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT	Human Origin, Pos HemaTrace
UMNC7R						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT	
UR3X7C						
Item 3	Pos	OBTI	Neg	PSA	Neg	RSID
Item 4	Neg	OBTI	Pos	PSA	Neg	RSID
UTTXAN						
Item 3	Pos	RSID Blood, HemoPhan	Neg	RSID Semen	Neg	RSID Saliva
Item 4	Pos	RSID Blood, HemoPhan	Pos	RSID Semen	Neg	RSID Saliva
UWJL3M						
Item 3	Pos	KM, HemDirect	Neg	AP	NT	
Item 4	Pos	KM, HemDirect	Pos	AP	NT	
UXNXC						
Item 3	Pos	KM	Neg	AP, Micro	NT	Human, Pos OBTI
Item 4	Pos	KM	Pos	AP, Micro	NT	Human, Pos OBTI
UYNC93						
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UZGL6K					
Item 3	Pos	KM	Neg AP, p30, Micro for Sperm	NT	
Item 4	Pos	KM	Pos AP, p30, Micro for Sperm	NT	
V29FGZ					
Item 3	Pos	KM, HemDirect	Neg AP, Micro, ALS	NT	
Item 4	Pos	KM, HemDirect	Pos AP, Micro, ALS	NT	
V3JY7H					
Item 3	Pos	TMB	Neg AP, ALS	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Pos AP, ALS, p30, Microscopic	NT	Human Origin, Pos HemaTrace
V3Y9BC					
Item 3	Pos	ABAcad HemaTrace	Neg ABAcad p30, Micro	not tested	ALS, Neg ALS
Item 4	Pos	ABAcad HemaTrace	Pos ABAcad p30, Micro	not tested	ALS, Neg ALS
V4FDVW					
Item 3	Pos	KM; HemaTrace	Neg AP	NT	
Item 4	Pos	KM; HemaTrace	Pos AP; Micro	Neg	
V938L3					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micros	NT	
V9E4J2					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
VBHUQG					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Pos AP, Micro	Neg RSID	
VBY4C3					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
VDGKQV					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Pos AP, ALS, Micro	NT	
VEG8BL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	Semen, Neg ALS

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VEV87P					
Item 3	Pos	PHT	Neg ALS; AP; Micro	NT	Origin, Pos HemaTrace
Item 4	Pos	TMB	Pos ALS; AP; Micro	NT	Origin, Pos HemaTrace
VFN6EV					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
VFRKTH					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
VGNGFC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
VGZZY3					
Item 3	Pos	O-tol, Seratec HemDirect	Neg AP, Micro, PSA, ALS	Neg Seratec Amylase	
Item 4	Pos	O-tol, Seratec HemDirect	Pos AP, Micro, PSA, ALS	Neg Seratec Amylase	
VHCZC3					
Item 3	Pos	KM, HemDiret	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP	NT	
VKLGGM					
Item 3	Pos	KM, TMB	Neg ALS, AP, Sperm search	NT	
Item 4	Pos	KM, TMB	Pos ALS, AP, Sperm search	NT	
VKLXR7					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	Pos AP, PSA, Micro		
VLFQL4					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
VNAFDP					
Item 3	Pos	O-tol, HemaTrace	Neg psa, Micro	Neg rsid	
Item 4	Pos	O-tol, HemaTrace	Pos psa, Micro	Neg rsid	
VP9EWX					
Item 3	Pos	KM	NT	NT	male DNA, Neg Zygem, qRT-PCR
Item 4	Pos	KM	NT	NT	male DNA, Pos Zygem, qRT-PCR

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VPRDZM					
Item 3	Pos	TMB, KM, HemaTrace	Neg	ALS, AP, Micro	NT
Item 4	Pos	TMB, KM, HemaTrace	Pos	ALS, AP, Micro	NT
VQK9G6					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
VQMGNA					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
VRJNBV					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
VRJRJC					
Item 3	Pos	KM, Hemdirect	Neg	AP	NT
Item 4	Pos	KM, Hemdirect	Pos	AP	NT
VX7KTQ					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
W2N9XN					
Item 3	Pos	KM, HemaTrace	Neg	AP, ALS, Micro, ABACard p30	Neg Amylase radial Diffusion
Item 4	Pos	KM, HemaTrace	Pos	AP, ALS, Micro, ABACard p30	Neg Amylase radial Diffusion
W3FZZU					
Item 3	Pos	KM, Takayama	Neg	AP	NT
Item 4	Pos	KM, Takayama	Pos	AP	NT
W3XARA					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Pos	AP	NT
W4ZK3K					
Item 3	Pos	KM	Neg	ALS, AP, PSA	NT
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
					Human Blood, Pos RSID
					Human Blood, Pos RSID
W7UE9F					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
W84GWY					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
W9Y6DA					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
WC7L7R					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP	NT	
WC7RGK					
Item 3	Pos	KM	Neg AP	NT	Human Blood, Pos RSID-Blood
Item 4	Pos	KM	Pos AP, PSA	NT	Human Blood, Pos RSID-Blood
WF27LQ					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Pos RSID	Neg RSID	
WF43K8					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
WFO3PQ					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, PSA, Sperm search	NT	
WJ4BR3					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
WJ4UDY					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Pos PSA, Micro	NT	
WK726Q					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Pos RSID	Neg RSID	
WKF4L6					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
WM8J22					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WQ3EK2					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
WRZ7P2					
Item 3	Pos	LMG, HT	Neg AP, PSA	NT	
Item 4	Pos	LMG, HT	Pos AP, PSA, Micro	NT	
WT9H6G					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WTZ82C					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg Phadebas	
WU2ERP					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP	NT	
WU4KWL					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	Neg SALLgAE	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg SALLgAE	
WUZ2AH					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
WX7392					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
WXVQGP					
Item 3	Pos	LMG	Neg AP, Micro	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
WZXWCW					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
X4NDLM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
X66XWQ					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	Human origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg Phadebas	Human origin, Pos PowerQuant

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
X6F3BA					
Item 3	Pos	KM, Tak, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos HemaTrace, PlexorHY
Item 4	Pos	KM, Tak	Pos AP, Micro	Neg RSID-Saliva	Human Origin, Pos PlexorHY
X938ZD					
Item 3	Pos	Visual, Luminol, Phenolphthalin, Takayama, HemDirect	Neg ALS, STMP, Micro	Neg Amylase Diffusion	
Item 4	Pos	Visual, Luminol, Phenolphthalin, Takayama	Pos ALS, STMP, Micro	Neg Amylase Diffusion	
XBLYUA					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	Neg RSID	
XCTENA					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, PSA, AP, Micro	NT	
XCYDHJ					
Item 3	Pos	KM, HemaTrace	Neg ALS	Neg ALS	
Item 4	Pos	KM	Pos AP, Micro, PSA	Neg Saligae	Neg ALS
XDABTF					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
XDADGY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
XDWAU7					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
XH2N8P					
Item 3	Pos	KM	NT	NT	male DNA, Neg Zygem, qRT-PCR
Item 4	Pos	KM	NT	NT	male DNA, Pos Zygem, qRT-PCR
XJX3YN					
Item 3	Pos	O-tol, HemaTrace	Neg AP		
Item 4	Pos	O-tol	Pos AP, PSA		
XJYB68					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Pos AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
XKAR4L						
Item 3	Pos	TMB, PHT, HemaTrace	Neg	ALS, AP, Micro	NT	
Item 4	Pos	TMB, PHT, HemaTrace	Pos	ALS, AP, Micro	NT	
XLBYUY						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
XP7GKT						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
XRC2BE						
Item 3	Pos	LMG	Neg	AP, ALS	NT	
Item 4	Pos	LMG	Pos	AP, ALS, PSA, Micro	NT	
XRPPFL						
Item 3	NT		Neg	AP	Male DNA Screen, Inc Quantifiler Trio	
Item 4	NT		Pos	AP	Male DNA Screen, Pos Quantifiler Trio	
XVYQGR						
Item 3	Pos	LMG	Neg	AP, Micro	NT	
Item 4	Pos	LMG	Pos	AP, Micro	NT	
XW7XZ6						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
XWBLUH						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP	NT	
XWRVP6						
Item 3	Pos	KM	Neg	AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA		
XXFW78						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, PSA, Micro	Neg	ALS, Phadebus
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, PSA, Micro	Neg	ALS, Phadebus
XXLKQD						
Item 3	Pos	visual, luminol, Phenolphthalein, Takayama, hemdirect	Neg	ALS, AP, Micro	Neg	Amylase Diffusion
Item 4	Pos	visual, luminol, Phenolphthalein, Takayama, hemdirect	Pos	ALS, AP, Micro	Neg	Amylase Diffusion

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XY78Q9				
Item 3	Pos Hemastix			
Item 4	Pos Hemastix	Pos Brentamine		
XY9RMN				
Item 3	Pos KM	Neg AP	NT	Semen, Inc ALS
Item 4	Pos KM	Pos AP, PSA, Micro	NT	Semen, Inc ALS
Y2DAPV				
Item 3	Pos KM	Neg PSA, Micro	NT	
Item 4	Pos KM	Pos PSA, Micro	NT	
Y2YUKV				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
Y6GDNT				
Item 3	Pos HemDirect	Neg AP	NT	
Item 4	Pos HemDirect	Pos AP, p30, Microscopic	Neg RSID	
Y7UA9H				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
Y93MT6				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Pos AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Y9G937				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
YAB2V6				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
YAR4R6				
Item 3	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
YB6PCE				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YCYFHT					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Pos	AP, Micro	NT
YDPUBR					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP, Micro	NT
YF937K					
Item 3	NT		Neg	AP	NT
Item 4	NT		Pos	AP	NT
YGRBPT					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
YK2C4Q					
Item 3	Pos	KM, HemaTrace	Neg	ALS	Neg
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT
YKPFWZ					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
YM9JKX					
Item 3	Pos	KM, HemaTrace	Neg	Micro, PSA	Neg
Item 4	Pos	KM, HemaTrace	Pos	Micro, PSA	Neg
YMU6YA					
Item 3	Pos	HemaTrace	NT		NT
Item 4	Pos	HemaTrace	Pos	p30, Micro	NT
YMYJTW					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg
YN64GW					
Item 3	Pos	KM; HT	Neg	AP	Neg
Item 4	Pos	KM; HT	Pos	AP; Micro	Neg
YNBJ8X					
Item 3	Pos	KM, Seratec Hemdirect	Neg	AP, Micro	NT
Item 4	Pos	KM, Seratec Hemdirect	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YNNPC9					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID-Saliva	Human origin, Pos HemaTrace, PlexorHY
Item 4	Pos	KM, Takayama	Pos AP, Micro, p30	Neg RSID-Saliva	Human origin, Pos PlexorHY
YPDALK					
Item 3	NT		Neg AP	NT	Male Screen, Neg Quantifiler Trio
Item 4	NT		Pos AP	NT	Male Screen, Pos Quantifiler Trio
YPPZ7W					
Item 3	Pos	PTMB, HemaTrace	Neg AP, ALS		
Item 4	Pos	PTMB	Pos AP, PSA, ALS, Micro	Neg Phadebas Tablet	urine, Neg Uritrace
YQAHZW					
Item 3	Pos	KM	NT	NT	Male Screening, Neg Zygem
Item 4	Pos	KM	NT	NT	Male Screening, Pos Zygem
YQHWT6					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
YTF3NW					
Item 3	Pos	KM	NT	NT	Male screening, Neg Zygem
Item 4	Pos	KM	NT	NT	Male screening, Pos Zygem
YVAMXB					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Pos AP	NT	
YVLNF3					
Item 3	Pos	O-tol, HemDirect	Neg AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos	O-tol, HemDirect	Pos AP, Micro, PSA	Neg Amylase Diffusion	
YVP2AQ					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
YXFT9V					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YZZ2GQ					
Item 3	Pos	KM, qRT-PCR	NT	NT	male DNA, Neg Zygem, qRT-PCR
Item 4	Pos	KM, qRT-PCR	NT	NT	male DNA, Pos Zygem, qRT-PCR
Z4KXRR					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
Z4UKVT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Z6T2BH					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP, Micro	NT	
Z7M468					
Item 3	Pos	KM	Neg PSA	Neg Amylase	
Item 4	Pos	KM	Pos PSA	Neg Amylase	
Z8VNMF					
Item 3	Pos	LMG	Neg AP, PSA	Neg RSID Saliva	
Item 4	Pos	LMG	Pos AP, PSA	Neg RSID Saliva	
Z9C3LW					
Item 3	Pos	KM	Neg AP, Microscopic	NT	
Item 4	Pos	KM	Pos AP, Microscopic	NT	
ZAWLTN					
Item 3	Pos	KM	Neg ALS, FBB	NT	
Item 4	Pos	KM	Pos ALS, FBB, PSA	NT	
ZB2CVX					
Item 3	Pos	Hemastix (TMB), HemaTrace	Neg AP	NT	
Item 4	Pos	Hemastix (TMB), HemaTrace	Pos AP, p30 (PSA), Micro	NT	
ZCTZQT					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
ZCWY4V					
Item 3	Pos	PTMB	Neg ALS, AP	NT	
Item 4	Pos	PTMB	Pos ALS, AP, PSA, Micro	NT	Human Blood, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZEFXE6					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
ZFT7A6					
Item 3	Pos	KM	Neg AP	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM	Pos AP, PSA, Micro	Neg RSID	Human origin, Pos PowerQuant
ZJTEEF					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
ZK64UL					
Item 3	Pos	LMG, HT	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, HT	Pos AP, Micro, PSA	NT	
ZLFHGZ					
Item 3	Pos	LMG/HemaTrace	Neg AP	NT	
Item 4	Pos	LMG/HemaTrace	Pos AP/PSA/Micro	NT	
ZTHNW3					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
ZV3HVN					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP	NT	
ZWKB3D					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
ZWUZVJ					
Item 3	Pos	LMG, HT	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, HT	Pos AP, Micro, PSA	NT	
ZXQ97N					
Item 3	Pos	O-tol	Neg ALS, AP	NT	
Item 4	Pos	O-tol	Pos ALS, AP, Micro	NT	

Table 1: Serology Screening		Item 3		Participants: 659
Response Summary		<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
ITEM 3:				
Positive	646	0	0	
Negative	0	602	179	
Inconclusive	0	0	4	
Not Tested (NT)	12	49	445	
Not Reported	0	7	30	

Table 1: Serology Screening		Item 4		Participants: 659
Response Summary		<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
ITEM 4:				
Positive	646	621	0	
Negative	1	0	186	
Inconclusive	0	0	2	
Not Tested (NT)	12	34	434	
Not Reported	0	4	37	

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

22MEZK	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
<hr/>						
269KXZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
<hr/>						
296YW6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
<hr/>						
2CNZ4X	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
<hr/>						
2DW4P9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
<hr/>						
2DZHLH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

2J8RMP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
2NKDQV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
2PE936	PowerPlex® 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				
2PZXW9	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
2Q2HRR	PowerPlex® Fusion 5C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
2TZ9T9	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
2UBNZT	PowerPlex® Fusion 6C Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

2WH7YN	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
2YMM68	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
2ZGJJT	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
33YWTV	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
37CC42	Identifiler® Direct					
	-	19,25	-	15,16	11,13	-
1	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	X,X	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	
38TRV3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
38WE9A	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

39Y6Q4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
3BT9V4	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
3D9D27	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
3DCRVU	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
3EP83G	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3JM4A2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NSD			NSD	
3KTCWL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

3KV4LG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3KZ2XH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
3ML6R6	Investigator® 24plex GO!					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
3RPB32	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
3RX9JR	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
3U3P4G	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3WB9FC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

3YDMPH	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
462UKW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
47PCF3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	--			--	
4A8MC7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4C7ZNK	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-				
4DN4G6	PowerPlex® Fusion 5C, 6C, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
4HJL6W	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

4HM482	PowerPlex® ES16, in-house					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					
4JFYRP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	ND			ND	
4KFEKU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4KTAJ8	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4LWLUH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	ND	ND	ND		
4M4R6X	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4QL2HP	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

4UZ9DX	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
4XXU3E	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
4YKPBF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NT
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	NT	NT	12,30.2	6,9.3	8,11
	14,15	NR	NT	NT	NR	
4ZEDTB	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				
6BG2DK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6CCF6K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6GP4V9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

6HHBLY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6KAL2D	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
6KJCNG	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
6NBM4V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6NDBQZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6ZJX9R	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
72B83T	Identifiler®, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

76JU6H	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-				
77JYNC	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	N/A	6,9.3	8,11
	14,15	NR/NE	N/A	NA	NA	
78DM88	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
7BHKZT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7BY8CB	Identifiler® DIRECT					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
7CPJX3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7HE2DY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

7HHJEJ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
7KJK8Z	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	No Results				
7LMNBH	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
7MPWCG	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
7NCUVE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
7NMQ97	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
7PGVQF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

7PWAZA	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7RKLYF	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
7TDLU7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7WFHFU	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
7YQRYX	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7ZF8ZT	Investigator® 24plex GO!					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
826GB2	GlobalFiler™ Express (STRmix)					
	11,13	19,25	12,15	15,16	11,13	NT
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	NT	NT	12,30.2	6,9.3	8,11
	14,15	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

832B9Q	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
837GX2	PowerPlex® PP21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
84BH9X	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
88RAEN	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	INC				
8B3CXK	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
8DD72P	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
8FKNXZ	PowerPlex® Fusion 6C, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

8FTZ6B	PowerPlex® Fusion 6C (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
8HVZ4M	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8L7JY4	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
8MACJC	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
8MC2M9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8Q8FR6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8QMJFA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

8RHK49	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8UBQ7Y	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8UCH3L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8V4RX9	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
922C8C	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
96ZLKY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
972Y6R	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

973MRW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
98VRXP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9AFVWH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
9BQVUX	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
9BW367	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9BWGT6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9CVQX9	PowerPlex® Fusion, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				

TABLE 2

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

Item 1 - STR Results

9EPFDM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9HP7XL	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9J6LFN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9JBFDH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9LAE83	Identifiler®					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
9LGT6G	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
9M3NE4	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

9M4GCB	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
9M87G9	PowerPlex® F6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
9QGUPD	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
9QX9WM	PowerPlex® Fusion 5C, 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
9T7DEG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9UVUL4	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
9VENC7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no result			no result	

TABLE 2

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

Item 1 - STR Results

9WPEQG	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
9WRCCQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
A46TFK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
A4828Z	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
A7V8NV	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
A8Q8RF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
A9JMX3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

AB27YF	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
AB8D93	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ABR68F	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
ACD9JT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
ACEE4E	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
AFFHV2	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
AGJU7C	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

AMY36N	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ANVE8H	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
APNRMZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ARFW8K	PowerPlex® Fusion 6C Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
ATTF7W	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
AXZ9WL	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
AZ4G4Z	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

AZW9M8	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
B2XCKG	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
B68KE7	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
B6TCCX	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
B9BA29	PowerPlex® PP6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	-	-	-		
B9ZB4J	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
BA8VLR	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	---			---	

TABLE 2

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

Item 1 - STR Results

BCP8BG	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
BE4K4K	PowerPlex® ES17 Pro, AmpFLSTR NGM Select					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21			12,30.2	6,9.3	
	14,15					
BE73CG	PowerPlex® Fusion 5C, Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
BFU7U8	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
BKNHUT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	---			---	
BLXNWW	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
BLZEZX	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

BM3EQ4	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
BMENBJ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
BNRVBC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
BQTG7H	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
BRVD3E	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
BUCDU9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
BUTRXC	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

BXC9NA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
BXFPPU	Investigator® 24plex GO!					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
BXJ2Z6	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
C27ZZY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
C3499H	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
C6QV27	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
C7PARP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

C9NKWJ	PowerPlex® Fusion 5C & 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
CAMGT9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CC6PR8	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	Not Tested
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	No Results	No Results	No Results	No Results	
CCEUV7	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
CCV6CP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NA			NA	
CDPVDX	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CF2JGW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

CR4KEZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CRPLLH	PowerPlex® Fusion 6C Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
CWC3D3	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
CX9GYZ	PowerPlex® ESI 17					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X,X	
	19,21			12,30.2	6,9.3	
	14,15					
CXTBMG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CY3AUJ	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CYN6WZ	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

CZLFJF	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
D2QL6F	PowerPlex® Fusion 5C					
		11,13	19,25	12,15	15,16	11,13
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21	12,12	5,13		6,9.3 8,11
	14,15	NR				
D3KMFR	PowerPlex® f6C					
		11,13	19,25	12,15	15,16	11,13
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21	12,12	5,13	12,30.2	6,9.3 8,11
	14,15					
D3L6A2	PowerPlex® Fusion 6C (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
D9HF89	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15	NR			NR	
D9NX2Q	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
D9RBVE	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

DBB8FY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DBBCTL	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DBHT9E	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DBQH46	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
DBZU8A	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DC48BN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
DD3XPP	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

DDKUAB	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
DE8289	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NE/NR	NA	NA	NA	
DEATYN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
DEE449	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
DF6AGD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DGUYE9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
DK3AVU	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

DL36MC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DLLXKU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
DQJDHG	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DQUAFG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DR664U	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
DRKNQC	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
DRXTX4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

DTU4XD	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	NA
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15	NR	NA	NA	NA	
DUA233	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
DZYA22	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
E22339	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
E7KP4D	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
E9MWXP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
E9Z23W	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

EABWTU	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
EAEAMH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
EBLN6	PowerPlex® 16 HS					
				15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15		29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
EFWKJ7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
EGW97G	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
EKHQQM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ELBDQC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

ELRERT	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
EPPV79	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
EQKHE6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
EQNNVK	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
EXGCH6	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
EXPQ7C	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
F26LJP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

F2ZMA9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
F4LEEJ	PowerPlex® ESI Fast					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	XX	
	19,21				6,9.3	
	14,15					
F9HBNA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FCETTP	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
FCUBUA	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
FCWT47	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
FHUG9Y	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

FJDHBT	PowerPlex® Fusion 5C & 6C, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FJGCFY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FL7822	Identifiler® Direct					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
FMHKKA	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FNR2L9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
FNR4AR	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
FNZDRY	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

FPQJ9P	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
FQ2J86	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FUEDT4	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FWBFCE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FWQKAX	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
FXY3GM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
FYTALE	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

FZBQ8E	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FZZU69	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
G2F9E4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
G3CBA6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
G3WRQ8	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-				
G649X4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
G69LP7	Identifiler®					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

G82LVG	PowerPlex® ESI/X-17 FAST, 23 (GeneMapper)					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	XX	
	19,21			12,30.2	6,9.3	
	14,15					
GD8669	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
GEFAPJ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
GFHQF4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GHJ8YQ	Investigator® 24plex GO!					
	11,13	19,25	12,15	15,16	11,13	N/A
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
GHMKTE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
GJCRBQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

GMXPX	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GNB8LY	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GMRPVC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GP2PYY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GQYJK6	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
GQYZU2	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
GVELRE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

GVPUTG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
GWKG6L	Identifiler® Plus, GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GXBVDV	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GY6JXC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
H3QJV8	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
H6RV9Y	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
H6XFH3	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

H8F886	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
H8YVKT	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
H97KGA	PowerPlex® Fusion 5C, Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
H9AG9E	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HA7R8M	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HAZYCF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HBZWRG	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

HDAMVW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NA
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15	NA	NA	NA	NA	
HEL76U	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HG7B9X	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HKRUUP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HPGJZK	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
HQQKU7	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HRLHAM	Identifiler® Direct					
	-	19,25	-	15,16	11,13	-
1	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	X,X	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	

TABLE 2

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

Item 1 - STR Results

HT37XE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HV33XM	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
HX8PGT	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
HXRETM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HY9YPN	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
HYGWKL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
J3XCXK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

J4ZD7H	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
J8LAVM	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
J979KC	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
J9NJKZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JCG22X	PowerPlex® ESX17, PP21, Fusion					
	11,13	19,25	12,15	15,16	11,13	12,18
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
JCKBM6	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	INC				
JD2BY8	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	

TABLE 2

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

Item 1 - STR Results

JDW8WF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
JG2Q6A	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
JGY2W7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JKMVUD	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JKWGE2	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR	NR	
JLT6JH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
JMZF6Z	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

JRBHDB	PowerPlex® Fusion 5C, 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
JXNP6L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JXPH29	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JY4PPB	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JYGZ4P	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
K23QJ6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	ND	ND	ND	NA	
K7FVGU	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		

TABLE 2

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

Item 1 - STR Results

K7GBVK	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
K8P66K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
K8R2YV	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
K9LG4U	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
KC6PUZ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
KEWRR2	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
KPD328	PowerPlex® 5C, 6C					
	11,13	19,25	12,15	15,16	11,13	NT
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR	NT	

TABLE 2

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

Item 1 - STR Results

KPJRHW	PowerPlex® PP21					
	11,13	19,25		15,16	11,13	12,18
1	10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
KPVJ7T	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
KQ7NEB	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NA	NA	NA	NA	
KX8QP4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
KZQ73B	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
L2X9YU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
L6NHZ2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

L6Z8VY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
L792CE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
L7MPBK	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
L83PVA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
L8YC2L	PowerPlex® Fusion 5C, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	NR				
LAEKJM	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
LCCA EZ	PowerPlex® Fusion (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

LDAEE3	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15	NR			NR	
LDJHEU	GlobalFiler™ Express					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15	NR			NR	
LDPPW9	PowerPlex® F6C					
		11,13	19,25	12,15	15,16	11,13
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21	12,12	5,13	12,30.2	6,9.3 8,11
	14,15					
LFLP97	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
LHNXEW	PowerPlex® Fusion 5C					
		11,13	19,25	12,15	15,16	11,13 NA
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	NA	6,9.3 8,11
	14,15	NR/NE	NA	NA	NA	
LJGW4	GlobalFiler™ Express					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15	-			-	
LIYXCQ	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

LKH449	PowerPlex® Fusion 6C Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
LKUGHY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
LLQBEN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LMY4V4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LP8AEJ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
LQ8LJ6	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
LRYH9Y	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

LTJ8XY	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
LTK2G6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LUGF94	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LV727Z	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
LVW29C	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
LXJBXY	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LZLCWB	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

M2UU4K	PowerPlex® Fusion 5C & 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
M2ZG6D	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
M448DE	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
M77V9P	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
M7WBUT	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
MCG7YC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
MJQ8RL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

ML29RR	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MP4846	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
MPJUVD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MR3G77	PowerPlex® Fusion 6C,5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
MTF2WV	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
MTX4PP	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MUD39E	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

MUFFMF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MUFW2M	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MWWKMR	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				
MYNHAQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no results			no results	
MYUB96	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MZ6Q37	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N2ULYD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

N3RWUF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N4YC48	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N74J7E	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	--			--	
N7Q783	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N7X6PK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
N8GXWA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NA2XXB	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

NBT6VT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NBWMVC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NC28ET	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
NDQRRB	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NECZWY	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
NK67J3	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
NMVM8A	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

NMYD76	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
NP4XVQ	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
NRZBZW	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	NOT TESTED
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR	NR	
NT27DF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NU9ANC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NV7F67	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
NW3G69	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

NWWTHH	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
NWZMQA	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
NXQCTW	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
NXT4HR	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
NY79EA	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
P3G9QL	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	1	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
P3JUM2	Investigator® 24plex (STRmix)					
		11,13	19,25	12,15	15,16	11,13 N/A
	1	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	N/A	N/A	12,30.2	6,9.3 8,11
	14,15	No Results	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

P3KLKA	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
P3L6DJ	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
P4TYZQ	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
P4ZCTY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PC7TD8	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PCC49K	Identifiler® Plus, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NA			NA	
PHHYRK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

PJT4K2	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	ND	ND	ND	N/A	
PK6ZRR	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
PN2MKF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
PPJET	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PPWLMF	Identifiler® Direct					
	-	19,25	-	15,16	11,13	-
1	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	X,X	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	
PQPH93	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
PTBEHE	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

PUNVT8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PX3NLL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PYZTCM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PZDBHE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
Q2GJTH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
Q7HB8F	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Q8EGU2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

Q9G6TH	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
QC3MC4	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QCMPDQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
QE8GNE	Identifiler® Direct					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
QF9FUM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QFHCD	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QH4TYT	PowerPlex® ESI 16, AmpFISTR®NGM					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					

TABLE 2

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

Item 1 - STR Results

QH9JV4	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
QHR33V	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
QLRFJU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QLX7T4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QM2FLF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
QMK9EC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
QNaNHT	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

QNZVG7	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
QWNJP9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QZPMDP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no results			no results	
R2CFYR	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
R3VATE	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No results			No results	
R48PWK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
R6EL9V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

R7BYRH	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
R93CUE	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	N/A				
R9YDE7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RFXWVP	Investigator® 24plex QS (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RK9WAF	Investigator® 24plex GO!					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
RLA3WM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RNDVT8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

RPM84G	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
RTAMYH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
RTK4WB	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RWTLAR	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
RXP4GM	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
RVYQR7	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
T2CWE2	PowerPlex® 6C, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

T2XCXD	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
T4GH9T	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	INC				
T6VLWY	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	NR				
TAMC3P	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NE/NR	NA	NA	NA	
TANZTF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
TCDBGM	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
TDAN9L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NO RESULTS			NO RESULTS	

TABLE 2

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

Item 1 - STR Results

TL6M2G	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14		8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
TLXMKV	PowerPlex® 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
TMC979	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TMGCBK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TMGJ97	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
TPZFBV	Identifiler® Plus					
	-	19,25	-	15,16	11,13	-
1	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	XX	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	
TRDEE7	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

TUG4P2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TUW8Y2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TV4NVC	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
TWLR7C	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TY4TR6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
U29KFC	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
U6RTMC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

U8DLBZ	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
UAXKKN	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR				
UB6U82	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UBBY7C	PowerPlex® Fusion 6C, Investigator® 24plex HDplex (DNASat)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
UBEMF4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UD4D48	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UEXZKH	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

UFUM42	PowerPlex® Fusion Direct 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
UG7BCF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
ULYRVF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UMNC7R	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	-
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	-	-	12,30.2	6,9.3	8,11
	14,15	NR	-	-	NR	
UR3X7C	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
UTTXAN	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
UWJL3M	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

UXNXC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
UYNC93	GlobalFiler™, GlobalFiler Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UZGL6K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no results			no results	
V29FGZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
V3JY7H	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
V3Y9BC	Investigator® 24plex GO					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
V4FDVW	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

V938L3	GlobalFiler™ (STRmix, stutter filters on for reporting)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
V9E4J2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VBHUQG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VBY4C3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VDGKQV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VEG8BL	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VEV87P	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

VFN6EV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VFRKTH	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VGNGFC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VGZYZ3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VHCZC3	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VKLXR7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VLFQL4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

VNAFDP	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VP9EWX	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
VQK9G6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VQMGNA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VRJNBV	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VRJRJC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VX7KTQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

VZ986N	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
W2HHED	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
W2N9XN	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
W3FZZU	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
W3XARA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
W4ZK3K	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
W7UE9F	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

W84GWY	GlobalFiler™ Plus					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
W9Y6DA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No results			No results	
WC7L7R	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	-
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	-	-	-	-	
WC7RGK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WCKA6X	PowerPlex® Fusion 6C					
	11,13	19,25	12,51	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
WF27LQ	Identifiler®					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
WF43K8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

WFU3PQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
WJ4BR3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WJ4UDY	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WK726Q	Identifiler®					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
WKF4L6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WM478D	Identifiler® Plus					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
WM8J22	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

WQ3EK2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WRZ7P2	GlobalFiler™ Express					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WT9H6G	Identifiler®, GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WTZ82C	PowerPlex® Fusion Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
WU2ERP	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
WU4KWL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WUZ2AH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no result			no result	

TABLE 2

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

Item 1 - STR Results

WX7392	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WXVQGP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
WZXWCW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
X4NDLM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
X66XWQ	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
X6F3BA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
XBLYUA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

XCTENA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	-
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	-	-	12,30.2	6,9.3	8,11
	14,15	-	-	-	-	-
XCYDHJ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XDABTF	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XDADGY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
XDWAU7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XH2N8P	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
XJX3YN	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

XJYB68	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
XKAR4L	Investigator® 24plex (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XLBYUY	PowerPlex® Fusion 6C Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
XP7GKT	Investigator® 24plex QS (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XRPPFL	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR	NR	
XVYQGR	PowerPlex® 16 Fast					
	11,13	19,25	12,15	15,16		
1		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					
XWBLUH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

XWRVP6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XXFW78	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
XXUBJH	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				
XY78Q9	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
XY9RMN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	-
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	-	-	12,30.2	6,9.3	8,11
	14,15	NR	-	-	NR	
Y2DAPV	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
Y2YUKV	PowerPlex® Fusion 6C Direct					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

Y39X2Y	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	not tested
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	no result	no result	no result	not tested	
Y6GDNT	PowerPlex® Fusion 5C & 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
Y7UA9H	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
Y93MT6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NA
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15	NA	NA	NA	NA	
Y9G937	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YAR4R6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YB6PCE	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

YCYFHT	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	NR				
YDPUBR	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	NA
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15		NA	NA	NA	
YF937K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
YGRBPT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YK2C4Q	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YKPFWZ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YM9JKX	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

YMU6YA	Investigator® 24plex GO					
	11,13	19,25	12,15	15,16	11,13	N/A
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
YMYJTW	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YN64GW	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YNBJ8X	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YNNPC9	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
YPDALK	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR	NR	
YPPZ7W	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

YQAHZW	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	INC				
YQHWT6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YTF3NW	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
YVAMXB	Identifiler® Plus					
		19,25		15,16	11,13	
1	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
YVLNF3	Identifiler®					
		19,25		15,16	11,13	
1	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
YVP2AQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YXFT9V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

YZZ2GQ	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
Z4KXRR	PowerPlex® Fusion 6C (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z4UKVT	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
Z6T2BH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z7M468	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
Z8VNMF	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z9C3LW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 1 - STR Results

ZAWLTN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZB2CVX	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
1	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
ZCWY4V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZFT7A6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
ZJTEEF	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZK64UL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZLFHGZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 1 - STR Results

ZTHNW3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZV3HVN	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	-
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	-	-	-	-	
ZWKB3D	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
ZWUZVJ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZXQ97N	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
1	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	-				

TABLE 2

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

Item 2 - STR Results

22MEZK	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
269KXZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
296YW6	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
2CNZ4X	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
2DW4P9	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
2DZHLH	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
2J8RMP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

2NKDQV	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
2PE936	PowerPlex® 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
2PZXW9	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
2Q2HRR	PowerPlex® Fusion 5C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	INC				
2TZ9T9	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
2UBNZT	PowerPlex® Fusion 6C Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
2WH7YN	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

2YMM68	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
2ZGJJT	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
33YWTV	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
37CC42	Identifiler® Direct					
	-	19,21	-	14,17	11	-
2	10	13,14	-	-	11,12	9,11
	13,16	15	29,31	-	X,Y	10,12
	22	-	-	-	7,9	8,11
	16,17	-	-	-	-	
38TRV3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
38WE9A	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
39Y6Q4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

3BT9V4	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
3D9D27	Identifiler® Plus, MiniFiler					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
3DCRVU	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
3EP83G	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
3JM4A2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
3KTCWL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
3KV4LG	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

3KZ2XH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
3ML6R6	Investigator® 24plex GO!					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	
3RPB32	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
3RX9JR	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
3U3P4G	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
3WB9FC	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
3YDMPH	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

462UKW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
47PCF3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
4A8MC7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
4C7ZNK	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
4DN4G6	PowerPlex® Fusion 5C, 6C, Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
4HJL6W	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
4HM482	PowerPlex® ES116, in-house					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15	29,31	15	X,Y	
	22				7,9	
	16,17					

TABLE 2

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

Item 2 - STR Results

4JFYRP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
4KFEKU	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
4KTAJ8	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
4LWLUH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
4M4R6X	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
4QL2HP	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
4UZ9DX	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

4XXU3E	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	
4YKPBF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	NT
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	NT	NT	20,29.2	7,9	8,11
	16,17	11	NT	NT	2	
4ZEDTB	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
6BG2DK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
6CCF6K	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
6GP4V9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,>18	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
6HHBLY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

6KAL2D	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
6KJCNG	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
6NBM4V	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
6NDBQZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
6ZJX9R	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17					
72B83T	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
76JU6H	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

77JYNC	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	
78DM88	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
7BHKZT	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
7BY8CB	Identifiler® DIRECT					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
7CPJX3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
7HE2DY	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
7HHJEJ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

7KJK8Z	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
7LMNBH	Identifiler® Plus, MiniFiler					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
7MPWCG	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
7NCUVE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
7NMQ97	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
7PGVQF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
7PWAZA	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

7RKLYF	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
7TDLU7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
7WFHFU	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
7YQRYX	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
7ZF8ZT	Investigator® 24plex GO!					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
826GB2	GlobalFiler™ Express (STRmix)					
	11,15	19,21	10,14	14,17	11	NT
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	NT	NT	20,29.2	7,9	8,11
	16,17	11	NT	NT	2	
832B9Q	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

837GX2	PowerPlex® PP21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
84BH9X	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
88RAEN	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				
8B3CXK	Identifiler® Plus (STRmix)					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
8DD72P	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
8FKNXZ	PowerPlex® Fusion 6C, Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
8FTZ6B	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

8HVZ4M	Investigator® 24plex QS (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
8L7JY4	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
8MACJC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
8MC2M9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
8Q8FR6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
8QMJFA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
8RHK49	PowerPlex® Fusion, GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

8UBQ7Y	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
8UCH3L	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
8V4RX9	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
922C8C	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
96ZLKY	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
972Y6R	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
973MRW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

98VRXP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
9AFVH	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
9BQVUX	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
9BW367	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,>18	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
9BWGT6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
9CVQX9	PowerPlex® Fusion, MiniFiler					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
9EPFDM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

9HP7XL	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
9J6LFN	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
9JBFDH	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
9LAE83	Identifiler®					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
9LGT6G	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
9M3NE4	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
9M4GCB	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

9M87G9	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
9QGUPD	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
9QX9WM	PowerPlex® Fusion 5C, 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
9T7DEG	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
9UVUL4	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
9VENC7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
9WPEQG	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

9WRCCQ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,>18	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
A46TFK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
A4828Z	Identifiler® Plus, MiniFiler					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
A7V8NV	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
A8Q8RF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
A9JMX3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
AB27YF	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				

TABLE 2

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

Item 2 - STR Results

AB8D93	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ABR68F	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
ACD9JT	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ACEE4E	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
AFFHV2	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
AGJU7C	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
AMY36N	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ANVE8H	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
APNRMZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ARFW8K	PowerPlex® Fusion 6C Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
ATTF7W	Identifiler® Plus, GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
AXZ9WL	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
AZ4G4Z	Investigator® 24plex (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
AZW9M8	GlobalFiler™ (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

B2XCKG	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
B68KE7	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
B6TCCX	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
B9BA29	PowerPlex® PP6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
B9ZB4J	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
BA8VLR	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
BCP8BG	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

BE4K4K	PowerPlex® ES17 Pro, AmpFLSTR NGM SElect					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15	29,31	15	X,Y	
	22			20,29.2	7,9	
	16,17					
BE73CG	PowerPlex® Fusion 5C, Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
BFU7U8	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
BKNHUT	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
BLXNWW	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
BLZEZX	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
BM3EQ4	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

BMENBJ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
BNRVBC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
BQTG7H	Investigator® 24plex QS (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
BRVD3E	Identifiler® Plus, MiniFiler					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
BUCDU9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
BUTRXC	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
BXC9NA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

BXFPPU	Investigator® 24plex GO!					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
BXJ2Z6	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
C27ZZY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
C3499H	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
C6QV27	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
C7PARP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
C9NKWJ	PowerPlex® Fusion 5C & 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

CAMGT9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
CC6PR8	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	Not Tested
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	[18,19]	20,29.2	7,9	8,11
	16,17	11	18	18	2	
CCEUV7	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
CCV6CP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
CDPVDX	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
CF2JGW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
CR4KEZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

CRPLLH	PowerPlex® Fusion 6C Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
CWC3D3	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
CX9GYZ	PowerPlex® ESI 17					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15,15	29,31	15,15	X,Y	
	22,22			20,29.2	7,9	
	16,17					
CXTBMG	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
CY3AUJ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
CYN6WZ	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
CZLFJF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

D2QL6F	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
D3KMFR	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
D3L6A2	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
D9HF89	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
D9NX2Q	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
D9RBVE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
DBB8FY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

DBBCTL	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
DBHT9E	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
DBQH46	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
DBZU8A	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
DC48BN	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
DD3XPP	Identifiler® Plus (STRmix)					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
DDKUAB	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	N/A
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	2	

TABLE 2

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

Item 2 - STR Results

DE8289	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	
DEATYN	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
DEE449	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
DF6AGD	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
DGUV9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
DK3AVU	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
DL36MC	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

DLLXKU	GlobalFiler™						
		11,15	19,21	10,14	14,17	11,11	
	2	10,10	13,14	15,19	18,20	11,12	9,11
		13,16	15,15	29,31	15,15	X,Y	10,12
		22,22			20,29.2	7,9	8,11
		16,17	11			2	
DQJDHG	PowerPlex® Fusion 6C, GlobalFiler™						
		11,15	19,21	10,14	14,17	11	
	2	10	13,14	15,19	18,20	11,12	9,11
		13,16	15	29,31	15	X,Y	10,12
		22	9,13	18,19	20,29.2	7,9	8,11
		16,17	11	18	18	2	
DQUAFG	GlobalFiler™						
		11,15	19,21	10,14	14,17	11,11	
	2	10,10	13,14	15,19	18,20	11,12	9,11
		13,16	15,15	29,31	15,15	X,Y	10,12
		22,22			20,29.2	7,9	8,11
		16,17	11			2	
DR664U	PowerPlex® 21						
		11,15	19,21		14,17	11,11	11,14
	2	10,10	13,14		18,20	11,12	9,11
		13,16	15,15	29,31		X,Y	10,12
		22,22	9,13	18,19		7,9	8,11
		16,17					
DRKNQC	Identifiler® Plus (STRmix)						
			19,21		14,17	11,11	
	2	10,10	13,14			11,12	9,11
		13,16	15,15	29,31		X,Y	10,12
		22,22				7,9	8,11
		16,17					
DRXTX4	GlobalFiler™						
		11,15	19,21	10,14	14,17	11	
	2	10	13,14	15,19	18,20	11,12	9,11
		13,16	15	29,31	15	X,Y	10,12
		22			20,29.2	7,9	8,11
		16,17	11			2	
DTU4XD	Investigator® 24plex						
		11,15	19,21	10,14	14,17	11,11	NA
	2	10,10	13,14	15,19	18,20	11,12	9,11
		13,16	15,15	29,31	15,15	X,Y	10,12
		22,22	NA	NA	20,29.2	7,9	8,11
		16,17	11	NA	NA	NA	

TABLE 2

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

Item 2 - STR Results

DUA233	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
DZYA22	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
E22339	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
E7KP4D	Identifiler® Plus (STRmix)					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
E9MWWP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
E9Z23W	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
EABWTU	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

EAEAMH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
EBLNx6	PowerPlex® 16 HS					
				14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16		29,31		X,Y	10,12
	22,22	9,*	*,*		7,9	8,11
	16,17					
EFWKJ7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
EGW97G	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
EKHQQM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
ELBDQC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
ELRERT	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

EPPV79	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
EQKHE6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
EQNNVK	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
EXGCH6	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
EXPQ7C	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
F26LJP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
F2ZMA9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

F4LEEJ	PowerPlex® ESI Fast					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15,15	29,31	15,15	X,Y	
	22,22				7,9	
	16,17					
F9HBNA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
FCETTP	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
FCUBUA	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	INC				
FCWT47	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
FHUG9Y	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
FJDHBT	PowerPlex® Fusion 5C & 6C, Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

FJGCFY	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
FL7822	Identifiler® Direct					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
FMHKA	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
FNR2L9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
FNR4AR	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
FNZDRY	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
FPQJ9P	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

FQ2J86	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
FUEDT4	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
FWBFCE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
FWQKAX	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,>18	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
FXY3GM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
FYTALE	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	15
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
FZBQ8E	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

FZZU69	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	INC				
G2F9E4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
G3CBA6	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
G3WRQ8	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
G649X4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
G69LP7	Identifiler®					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
G82LVG	PowerPlex® ESI/X-17 FAST (GeneMapper)					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15,15	29,31	15,15	X,Y	
	22,22			20,29.2	7,9	
	16,17					

TABLE 2

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

Item 2 - STR Results

GD8669	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
GEFAPJ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
GFHQF4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
GHJ8YQ	Investigator® 24plex GO!					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	
GHMKTE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
GJCRBQ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
GMXYPX	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

GNB8LY	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
GNRPVC	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
GP2PYY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
GQYJK6	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
GQYZU2	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
GVELRE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
GVPUTG	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

GWKG6L	Identifiler® Plus, GlobalFiler™, MiniFiler					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
GXBVDV	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
GY6JXC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
H3QJV8	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
H6RV9Y	Investigator® 24plex QS (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
H6XFH3	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
H8F886	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

H8YVKT	Identifiler® Plus, MiniFiler					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
H97KGA	PowerPlex® Fusion 5C, Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
H9AG9E	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
HA7R8M	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
HAZYCF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
HBZWRG	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
HDAMVW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	NA
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	NA	NA	20,29.2	7,9	8,11
	16,17	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 2 - STR Results

HEL76U	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
HG7B9X	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
HKRUUP	Identifiler® Plus, GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
HPGJZK	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
HQQKU7	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
HRLHAM	Identifiler® Direct					
	-	19,21	-	14,17	11	-
2	10	13,14	-	-	11,12	9,11
	13,16	15	29,31	-	X,Y	10,12
	22	-	-	-	7,9	8,11
	16,17	-	-	-	-	
HT37XE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

HV33XM	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
HX8PGT	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
HXRETM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
HY9YPN	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
HYGWKL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
J3XCXK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
J4ZD7H	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

J8LAVM	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
J979KC	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
J9NJKZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
JCG22X	PowerPlex® Fusion, ESX17, PP21					
	11,15	19,21	10,14	14,17	11	11,14
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11				
JCKBM6	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				
JD2BY8	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
JDW8WF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

JG2Q6A	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
JGY2W7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
JKMVUD	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
JKWGE2	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
JLT6JH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
JMZ6Z	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
JRBHDB	PowerPlex® Fusion 5C, 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

JXNP6L	Identifiler® Plus, GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
JXPH29	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
JY4PPB	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
JYGZ4P	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
K23QJ6	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	NA
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	NA	
K7FVGU	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
K7GBVK	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

K8P66K	GlobalFiler™						
		11,15	19,21	10,14	14,17	11,11	
	2	10,10	13,14	15,19	18,20	11,12	9,11
		13,16	15,15	29,31	15,15	X,Y	10,12
		22,22			20,29.2	7,9	8,11
		16,17	11			2	
K8R2YV	GlobalFiler™						
		11,15	19,21	10,14	14,17	11,11	
	2	10,10	13,14	15,19	18,20	11,12	9,11
		13,16	15,15	29,31	15,15	X,Y	10,12
		22,22			20,29.2	7,9	8,11
		16,17	11			2	
K9LG4U	PowerPlex® Fusion 6C						
		11,15	19,21	10,14	14,17	11	
	2	10	13,14	15,19	18,20	11,12	9,11
		13,16	15	29,31	15	X,Y	10,12
		22	9,13	18,19	20,29.2	7,9	8,11
		16,17	11	18	18		
KC6PUZ	PowerPlex® Fusion 6C						
		11,15	19,21	10,14	14,17	11	
	2	10	13,14	15,19	18,20	11,12	9,11
		13,16	15	29,31	15	X,Y	10,12
		22	9,13	18,19	20,29.2	7,9	8,11
		16,17	11	18	18		
KEWRR2	PowerPlex® Fusion 6C						
		11,15	19,21	10,14	14,17	11,11	
	2	10,10	13,14	15,19	18,20	11,12	9,11
		13,16	15,15	29,31	15,15	X,Y	10,12
		22,22	9,13	18,19	20,29.2	7,9	8,11
		16,17	11	18	18		
KPD328	PowerPlex® 5C, 6C						
		11,15	19,21	10,14	14,17	11	NT
	2	10	13,14	15,19	18,20	11,12	9,11
		13,16	15	29,31	15	X,Y	10,12
		22	9,13	18,19	20,29.2	7,9	8,11
		16,17	11	18	18	NT	
KPJRHV	PowerPlex® PP21						
		11,15	19,21		14,17	11	11,14
	2	10	13,14		18,20	11,12	9,11
		13,16	15	29,31		X,Y	10,12
		22	9,13	18,19		7,9	8,11
		16,17					

TABLE 2

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

Item 2 - STR Results

KPVJ7T	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
KQ7NEB	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	NA	
KX8QP4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
KZQ73B	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
L2X9YU	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
L6NHZ2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
L6Z8VY	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

L792CE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
L7MPBK	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	
L83PVA	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
L8YC2L	PowerPlex® Fusion 5C, MiniFiler					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
LAEKJM	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
LCCA EZ	PowerPlex® Fusion (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				
LDAEE3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

LDJHEU	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LDPPW9	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
LFLP97	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LHNXEW	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	
LJGW4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LJYXCQ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LKH449	PowerPlex® Fusion 6C Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

LKUGHY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LLQBEN	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
LMY4V4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LP8AEJ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
LQ8LJ6	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
LRyh9Y	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
LTJ8XY	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	

TABLE 2

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

Item 2 - STR Results

LTK2G6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LUGF94	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
LV727Z	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
LVW29C	PowerPlex® 21					
	11,15		19,21	14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
LXJBXY	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
LZLCWB	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
M2UU4K	PowerPlex® Fusion 5C & 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

M2ZG6D	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
M448DE	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
M77V9P	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
M7WBUT	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
MCG7YC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
MJQ8RL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ML29RR	Investigator® 24plex (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11,11				

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

MP4846	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
MPJUVD	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
MR3G77	PowerPlex® Fusion 6C,5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
MTF2WV	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	
MTX4PP	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
MUD39E	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
MUFFMF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

MUFW2M	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
MWWKMR	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
MYNHAQ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
MYUB96	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
MZ6Q37	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
N2ULYD	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
N3RWUF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

N4YC48	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
N74J7E	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
N7Q783	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
N7X6PK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
N8GXWA	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
NA2XXB	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
NBT6VT	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

NBWMVC	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NC28ET	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NDQRRB	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,>18	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
NECZWY	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	INC				
NK67J3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NMVM8A	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	N/A
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	N/A	
NMYD76	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

NP4XVQ	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NRZBZW	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	NOT TESTED
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
NT27DF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
NU9ANC	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
NV7F67	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
NW3G69	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NWWTHH	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

NWZMQA	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NXQCTW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NXT4HR	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
NY79EA	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
P3G9QL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
P3JUM2	Investigator® 24plex (STRmix)					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	
P3KLKA	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

P3L6DJ	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
P4TYZQ	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
P4ZCTY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
PC7TD8	GlobalFiler™ (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
PCC49K	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
PHHYRK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
PJT4K2	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	N/A	

TABLE 2

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

Item 2 - STR Results

PK6ZRR	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
PN2MKF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
PPJET	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
PPWLMF	Identifiler® Direct					
	-	19,21	-	14,17	11	-
2	10	13,14	-	-	11,12	9,11
	13,16	15	29,31	-	X,Y	10,12
	22	-	-	-	7,9	8,11
	16,17	-	-	-	-	
PQPH93	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
PTBEHE	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
PUNVT8	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

PX3NLL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
PYZTCM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
PZDBHE	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
Q2GJTH	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
Q7HB8F	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
Q8EGU2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
Q9G6TH	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

QC3MC4	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
QCMPDQ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
QE8GNE	Identifiler® Direct					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
QF9FUM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
QFHCD	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
QH4TYT	PowerPlex® ESI 16, AmpFISTR®NGM					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15	29,31	15	X,Y	
	22				7,9	
	16,17					
QH9JV4	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

QHR33V	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
QLRFJU	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
QLX7T4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
QM2FLF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
QMK9EC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
QNaNHT	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
QNZVG7	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

QWNJP9	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
QZPMDP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
R2CFYR	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
R3VATE	GlobalFiler™, MiniFiler					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
R48PWK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
R6EL9V	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
R7BYRH	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

R93CUE	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
R9YDE7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
RFXWVP	Investigator® 24plex QS (STRMix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
RK9WAF	Investigator® 24plex GO!					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	
RLA3WM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
RNDVT8	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
RPM84G	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

RTAMYH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
RTK4WB	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
RWTLAR	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
RXP4GM	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
RYVQR7	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
T2CWE2	PowerPlex® 6C, GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
T2XCXD	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

T4GH9T	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				
T6VLWY	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
TAMC3P	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	
TANZTF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
TCDBGM	PowerPlex® Fusion, GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11				
TDAN9L	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
TL6M2G	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19		11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

TLXMKV	PowerPlex® 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
TMC979	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
TMGCBK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,>18	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
TMGJ97	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
TPZFBV	Identifiler® Plus					
	-	19,21	-	14,17	11	-
2	10	13,14	-	-	11,12	9,11
	13,16	15	29,31	-	X,Y	10,12
	22	-	-	-	7,9	8,11
	16,17	-	-	-	-	
TRDEE7	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
TUG4P2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

TUW8Y2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
TV4NVC	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
TWLR7C	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
TY4TR6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
U29KFC	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
U6RTMC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
U8DLBZ	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17			11		

TABLE 2

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

Item 2 - STR Results

UAXKKN	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
UB6U82	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
UBBY7C	PowerPlex® Fusion 6C, Investigator® 24plex HDplex (DNASat)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
UBEMF4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
UD4D48	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
UEXZKH	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
UFUM42	PowerPlex® Fusion Direct 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

UG7BCF	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
ULYRVF	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
UMNC7R	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	-
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	-	-	20,29.2	7,9	8,11
	16,17	11	-	-	2	
UR3X7C	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
UTTXAN	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
UWJL3M	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
UXNXC	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

UYNC93	GlobalFiler™, GlobalFiler Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
UZGL6K	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
V29FGZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
V3JY7H	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
V3Y9BC	Investigator® 24plex GO					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	
V4FDVW	PowerPlex® F6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
V938L3	GlobalFiler™ (STRmix, stutter filters on for reporting)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

V9E4J2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VBHUQG	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VBY4C3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VDGKQV	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
VEG8BL	GlobalFiler™ (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VEV87P	Investigator® 24plex (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
VFN6EV	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

VFRKTH	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
VGNGFC	Identifiler® Plus, GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
VGZYZ3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VHCZC3	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
VKLXR7	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
VLFQL4	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VNAFDP	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

VP9EWX	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	INC				
VQK9G6	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
VQMGNA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
VRJNBV	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
VRJRC	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
VX7KTQ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
VZ986N	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	NA
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	NA	7,9	8,11
	16,17	11	NA	NA	NA	

TABLE 2

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

Item 2 - STR Results

W2HHED	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
W2N9XN	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
W3FZUZ	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
W3XARA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
W4ZK3K	GlobalFiler™ (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
W7UE9F	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
W84GWY	GlobalFiler™ Plus					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

W9Y6DA	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
WC7L7R	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	-
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	-	
WC7RGK	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
WCKA6X	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
WF27LQ	Identifiler®					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
WF43K8	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
WFU3PQ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

WJ4BR3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
WJ4UDY	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
WK726Q	Identifiler®					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
WKF4L6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
WM478D	Identifiler® Plus					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
WM8J22	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
WQ3EK2	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

WRZ7P2	GlobalFiler™ Express					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
WT9H6G	Identifiler®, GlobalFiler™ (STRmix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
WTZ82C	PowerPlex® Fusion Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				
WU2ERP	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
WU4KWL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
WU22AH	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
WX7392	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

WXVQGP	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
WZXWCW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
X4NDLM	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
X66XWQ	Identifiler® Plus, MiniFiler					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
X6F3BA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
XBLYUA	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
XCTENA	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	-
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	-	-	20,29.2	7,9	8,11
	16,17	11	-	-	2	

TABLE 2

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

Item 2 - STR Results

XCYDHJ	GlobalFiler™					
		11,15	19,21	10,14	14,17	11
	2	10	13,14	15,19	18,20	11,12
		13,16	15	29,31	15	X,Y
		22			20,29.2	7,9
	16,17	11			2	
XDABTF	Investigator® 24plex (STRmix)					
		11,15	19,21	10,14	14,17	11,11
	2	10,10	13,14	15,19	18,20	11,12
		13,16	15,15	29,31	15,15	X,Y
		22,22			20,29.2	7,9
	16,17	11				
XDADGY	GlobalFiler™					
		11,15	19,21	10,14	14,17	11,11
	2	10,10	13,14	15,19	18,20	11,12
		13,16	15,15	29,31	15,15	X,Y
		22,22			20,29.2	7,9
	16,17	11			2	
XDWAU7	GlobalFiler™					
		11,15	19,21	10,14	14,17	11,11
	2	10,10	13,14	15,19	18,20	11,12
		13,16	15,15	29,31	15,15	X,Y
		22,22			20,29.2	7,9
	16,17	11			2	
XH2N8P	PowerPlex® Fusion					
		11,15	19,21	10,14	14,17	11
	2	10	13,14	15,19	18,20	11,12
		13,16	15	29,31	15	X,Y
		22	9,13	18,19		7,9
	16,17	INC				
XJX3YN	Identifiler® Plus					
			19,21		14,17	11,11
	2	10,10	13,14			11,12
		13,16	15,15	29,31		X,Y
		22,22				7,9
	16,17					
XJYB68	PowerPlex® Fusion 6C (STRmix)					
		11,15	19,21	10,14	14,17	11
	2	10	13,14	15,19	18,20	11,12
		13,16	15	29,31	15	X,Y
		22	9,13	18,19	20,29.2	7,9
	16,17	11	18	18		

TABLE 2

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

Item 2 - STR Results

XKAR4L	Investigator® 24plex (STRMix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
XLBYUY	PowerPlex® Fusion 6C Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
XP7GKT	Investigator® 24plex QS (STRMix)					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
XRPPFL	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
XVYQGR	PowerPlex® 16 fast					
	11,15	19,21	10,14	14,17		
2		13,14	15,19	18,20		9,11
	13,16	15	29,31	15	X,Y	
	22				7,9	
	16,17					
XWBLUH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
XWRVP6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

XXFW78	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
XXUBJH	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
XY78Q9	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
XY9RMN	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	-
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	-	-	20,29.2	7,9	8,11
	16,17	11	-	-	2	
Y2DAPV	Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11				
Y2YUKV	PowerPlex® Fusion 6C Direct					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
Y39X2Y	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	not tested
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	not tested	

TABLE 2

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

Item 2 - STR Results

Y6GDNT	PowerPlex® Fusion 5C & 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
Y7UA9H	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
Y93MT6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	NA
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	NA	NA	20,29.2	7,9	8,11
	16,17	11	NA	NA	2	
Y9G937	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
YAR4R6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
YB6PCE	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
YCYFHT	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

YDPUBR	Investigator® 24plex (STRmix)					
	11,15	19,21	10,14	14,17	11,11	NA
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	NA	NA	20,29.2	7,9	8,11
	16,17	11	NA	NA	NA	
YF937K	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
YGRBPT	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
YK2C4Q	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
YKPFWZ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
YM9JKX	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
YMU6YA	Investigator® 24plex GO					
	11,15	19,21	10,14	14,17	11,11	N/A
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	N/A	N/A	20,29.2	7,9	8,11
	16,17	11	N/A	N/A	N/A	

TABLE 2

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

Item 2 - STR Results

YMYJTW	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
YN64GW	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
YNBJ8X	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
YNNPC9	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
YPDALK	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	2	
YPPZ7W	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
YQAHZW	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				

TABLE 2

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

Item 2 - STR Results

YQHWT6	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
YTF3NW	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	INC				
YVAMXB	Identifiler® Plus					
		19,21		14,17	11,11	
2	10,10	13,14			11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22				7,9	8,11
	16,17					
YVLNF3	Identifiler®					
		19,21		14,17	11	
2	10	13,14			11,12	9,11
	13,16	15	29,31		X,Y	10,12
	22				7,9	8,11
	16,17					
YVP2AQ	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
YXFT9V	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
YZZ2GQ	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17	INC				

TABLE 2

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

Item 2 - STR Results

Z4KXRR	PowerPlex® Fusion 6C (STRMix)					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
Z4UKVT	PowerPlex® Fusion					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
Z6T2BH	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
Z7M468	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				
Z8VNMF	PowerPlex® Fusion, GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11				
Z9C3LW	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ZAWLTN	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ZB2CVX	PowerPlex® 21					
	11,15	19,21		14,17	11,11	11,14
2	10,10	13,14		18,20	11,12	9,11
	13,16	15,15	29,31		X,Y	10,12
	22,22	9,13	18,19		7,9	8,11
	16,17					
ZCWY4V	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ZFT7A6	PowerPlex® Fusion 6C					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18		
ZJTEEF	Investigator® 24plex					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11				
ZK64UL	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
ZLFHGZ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
ZTHNW3	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ZV3HVN	PowerPlex® Fusion 6C (STRmix)					
	11,15	19,21	10,14	14,17	11	-
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19	20,29.2	7,9	8,11
	16,17	11	18	18	-	
ZWKB3D	GlobalFiler™					
	11,15	19,21	10,14	14,17	11,11	
2	10,10	13,14	15,19	18,20	11,12	9,11
	13,16	15,15	29,31	15,15	X,Y	10,12
	22,22			20,29.2	7,9	8,11
	16,17	11			2	
ZWUZVJ	GlobalFiler™					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22			20,29.2	7,9	8,11
	16,17	11			2	
ZXQ97N	PowerPlex® Fusion 5C					
	11,15	19,21	10,14	14,17	11	
2	10	13,14	15,19	18,20	11,12	9,11
	13,16	15	29,31	15	X,Y	10,12
	22	9,13	18,19		7,9	8,11
	16,17	11				

TABLE 2

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

Item 3 - STR Results

22MEZK	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
269KXZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
296YW6	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
2CNZ4X	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
2DZHLH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
2J8RMP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
2NKDQV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

2PE936	PowerPlex® 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				
2PZXW9	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
2Q2HRR	PowerPlex® Fusion 5C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
2TZ9T9	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
2UBNZT	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
2WH7YN	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
2YMM68	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

2ZGJJT	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
33YWTV	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
37CC42	Identifiler® Plus					
	-	19,25	-	15,16	11,13	-
3	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	XX	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	
38TRV3	Identifiler®					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
38WE9A	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
39Y6Q4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
3BT9V4	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

3DCRVU	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
3EP83G	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3JM4A2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NSD			NSD	
3KTCWL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3KV4LG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3KZ2XH	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
3ML6R6	Identifiler®, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	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

3RPB32	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
3RX9JR	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3U3P4G	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3WB9FC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
3YDMPH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
462UKW	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
47PCF3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	--			--	

TABLE 2

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

Item 3 - STR Results

4A8MC7	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4C7ZNK	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-				
4DN4G6	PowerPlex® Fusion 5C, 6C, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
4HJL6W	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
4HM482	PowerPlex® ESI16, in-house					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					
4KFEKU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4KTAJ8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

4LWLUH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	ND	ND	ND		
4M4R6X	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
4QL2HP	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
4UZ9DX	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
4XXU3E	PowerPlex® Fusion 5C, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
4YKPBF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NT
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NT	NT	12,30.2	6,9.3	8,11
	14,15	NR	NT	NT	NR	
4ZEDTB	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				

TABLE 2

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

Item 3 - STR Results

6BG2DK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6CCF6K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6HHBLY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6KAL2D	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
6KJCNG	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
6NBM4V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
6NDBQZ	Identifiler®, MiniFiler & SGMPlus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

6ZJX9R	PowerPlex® Fusion (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
72B83T	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
76JU6H	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-				
77JYNC	PowerPlex® Fusion 5C, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
78DM88	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
7BHKZT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7BY8CB	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

7CPJX3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7HE2DY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
7HHJEJ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
7KJK8Z	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	No Results				
7LMNBH	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
7MPWCG	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
7NCUVE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

7NMQ97	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
7PGVQF	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7PWAZA	Investigator® 24plex, MiniFiler (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7RKLYF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7TDLU7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
7WFHFU	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
7YQRYX	Identifiler®					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

7ZF8ZT	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
826GB2	GlobalFiler™ (STRmix)					
	11,12,13	19,25	12,15	14,15,16	10,11,12,13	NT
3	9,10	9,10,13,14	12,13,14	16,17,18	8,11,12	11,12,13
	13,14,15	13,14	28,29,30	14,15,16	X	11,12
	19,20,21	NT	NT	12,30.2	6,9.3	8,11
	14,15	NR	NT	NT	NR	
832B9Q	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
837GX2	PowerPlex® PP21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
84BH9X	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
88RAEN	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	INC				
8B3CXK	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

8DD72P	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
8FKNXZ	PowerPlex® Fusion 6C, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
8FTZ6B	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
8HVZ4M	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8MACJC	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
8MC2M9	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8Q8FR6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

8QMJFA	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
8RHK49	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8UBQ7Y	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8UCH3L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13,[14]
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
8V4RX9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
922C8C	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
96ZLKY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

972Y6R	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
973MRW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
98VRXP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9AFVWH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
9BQVUX	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
9BWGT6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9CVQX9	PowerPlex® Fusion, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				

TABLE 2

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

Item 3 - STR Results

9EPFDM	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9HP7XL	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9J6LFN	GlobalFiler™ (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9JBFDH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9LAE83	Identifiler®					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
9LGT6G	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
9M3NE4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

9M4GCB	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
9M87G9	PowerPlex® F6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
9QGUPD	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
9QX9WM	PowerPlex® Fusion 5C, 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
9T7DEG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
9UVUL4	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
9VENC7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no result			no result	

TABLE 2

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

Item 3 - STR Results

9WPEQG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
A46TFK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
A7V8NV	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
A8Q8RF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
A9JMX3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
AB27YF	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
AB8D93	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

ABR68F	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
ACD9JT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
ACEE4E	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
AFFHV2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
AGJU7C	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
AMY36N	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ANVE8H	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

APNRMZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ARFW8K	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
ATTF7W	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
AXZ9WL	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
AZ4G4Z	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
AZW9M8	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
B2XCKG	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

B68KE7	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
B6TCCX	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
B9BA29	PowerPlex® PP6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
B9ZB4J	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
BA8VLR	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	---			---	
BCP8BG	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
BE4K4K	PowerPlex® ES117 Pro, AmpFLSTR NGM Select					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21			12,30.2	6,9.3	
	14,15					

TABLE 2

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

Item 3 - STR Results

BE73CG	PowerPlex® Fusion 5C, Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
BFU7U8	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
BKNHUT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	---			---	
BLXNWW	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
BLZEZX	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
BM3EQ4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
BMENBJ	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

BNRVBC	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
BQTG7H	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
BRVD3E	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
BUCDU9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
BUTRXC	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
BXC9NA	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
BXFPPU	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

BXJ2Z6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
C27ZZY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
C3499H	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
C6QV27	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
C7PARP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
C9NKWJ	PowerPlex® Fusion 5C & 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
CAMGT9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

CC6PR8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	Not Tested
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	Not Reported	Not Reported	12,30.2	6,9.3	8,11
	14,15	No Results	Not Reported	Not Reported	No Results	
CCEUV7	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
CCV6CP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NA			NA	
CF2JGW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CR4KEZ	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CRPLLH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
CWC3D3	Identifiler® Plus, MiniFiler					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

CX9GYZ	PowerPlex® ESI 17					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X,X	
	19,21			12,30.2	6,9.3	
	14,15					
CXTBMG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CY3AUJ	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CYN6WZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
CZLFJF	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
D2QL6F	PowerPlex® Fusion 5C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	NR				
D3KMFR	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3		10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

D3L6A2	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
D9HF89	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
D9NX2Q	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
D9RBVE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DBB8FY	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DBBCTL	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DBHT9E	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

DBQH46	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
DBZU8A	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DC48BN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
DD3XPP	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21				6,9.3	8,11
	14,15					
DDKUAB	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
DE8289	PowerPlex® Fusion 5C, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NE/NR	NA	NA	NA	
DEATYN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	

TABLE 2

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

Item 3 - STR Results

DEE449	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DF6AGD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DGUYE9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
DK3AVU	PowerPlex® Fusion 6C (STRmix™)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
DL36MC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DLXKU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
DQJDHG	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

DQUAFG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DR664U	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
DRKNQC	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
DRXTX4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
DTU4XD	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	NA
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15	NR	NA	NA	NA	
DUA233	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
DZYA22	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

E22339	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
E7KP4D	Identifiler® Plus (STRmix)					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
E9MWWP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
EAEAMH	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
EBLNx6	PowerPlex® 16 HS					
				15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15		29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
EFWKJ7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
EGW97G	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

EKHQQM	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
ELBDQC	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
ELRERT	PowerPlex® Fusion					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13		6,9.3 8,11
	14,15					
EPPV79	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
EQKHE6	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
EQNNVK	PowerPlex® Fusion 6C (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
EXGCH6	Investigator® 24plex QS					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

EXPQ7C	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
F26LJP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
F2ZMA9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
F4LEEJ	PowerPlex® ESI Fast					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	XX	
	19,21				6,9.3	
	14,15					
F9HBNA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FCETTP	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
FCUBUA	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				

TABLE 2

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

Item 3 - STR Results

FCWT47	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
FHUG9Y	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
FJDHBT	PowerPlex® Fusion 5C & 6C, Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FJGCFY	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FL7822	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
FMHKA	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FNR2L9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

FNR4AR	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
FNZDRY	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15	NR			NR	
FPQJ9P	Identifiler®					
			19,25		15,16	11,13
	3	10,10	10,14			8,12 12,13
		13,15	13,14	29,30		X,X 11,12
		19,21				6,9.3 8,11
	14,15					
FQ2J86	PowerPlex® Fusion 6C (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
FUEDT4	PowerPlex® Fusion 6C (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
FWBFCE	PowerPlex® Fusion 6C (strmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
FXY3GM	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

FYTALE	GlobalFiler™ (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
FZBQ8E	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
FZU69	PowerPlex® Fusion (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
G2F9E4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
G3CBA6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
G3WRQ8	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-				
G649X4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

G69LP7	Identifiler®					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
G82LVG	PowerPlex® ESI/X-17 FAST					
	11,13	19,25	12,15	15,16		
3	10	10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	XX	
	19,21			12,30.2	6,9.3	
	14,15					
GD8669	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
GEFAPJ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
GFHQF4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GHJ8YQ	Identifiler®, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
GHMKTE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

GJCRBQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
GMXYPX	Identifiler®					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
GNB8LY	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GNRPVC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GP2PYY	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GQYJK6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GQYZU2	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		

TABLE 2

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

Item 3 - STR Results

GVELRE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
GVPUG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
GWKG6L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GXBVDV	Investigator® 24plex (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
GY6JXC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
H3QJV8	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
H6RV9Y	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

H6XFH3	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
H8F886	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
H97KGA	PowerPlex® Fusion 5C, Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
H9AG9E	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HA7R8M	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HAZYCF	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HBZWRG	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

HDAMVW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NA
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15	NA	NA	NA	NA	
HEL76U	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HG7B9X	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HKRUUP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HPGJZK	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
HQQKU7	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HRLHAM	Identifiler® Plus					
	-	19,25	-	15,16	11,13	-
3	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	X,X	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	

TABLE 2

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

Item 3 - STR Results

HT37XE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
HV33XM	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
HXRETM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
HY9YPN	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		XX	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
HYGWKL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
J3XCXK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
J4ZD7H	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

J8LAVM	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
J979KC	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
J9NJKZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JCG22X	PowerPlex® 21, ESX17, Fusion					
	11,13	19,25	12,15	15,16	11,13	12,18
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
JCKBM6	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	INC				
JD2BY8	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
JDW8WF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

JG2Q6A	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
JGY2W7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JKMVUD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JKWGE2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	Not Reported	Not Reported	12,30.2	6,9.3	8,11
	14,15	NR	Not Reported	Not Reported	NR	
JLT6JH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
JMZF6Z	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
JRBHDB	PowerPlex® Fusion 5C, 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

JXNP6L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JXPH29	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JY4PPB	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
JYGZ4P	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
K23QJ6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	NA
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	ND	ND	ND	NA	
K7FVGU	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
K7GBVK	PowerPlex® 21 (STRmix)					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

K8P66K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
K8R2YV	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
K9LG4U	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
KEWRR2	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
KPD328	PowerPlex® 5C, 6C					
	11,13	19,25	12,15	15,16	11,13	NT
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR	NT	
KPJRHV	PowerPlex® PP21					
	11,13	19,25		15,16	11,13	12,18
3	10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
KPVJ7T	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

KQ7NEB	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NA	NA	NA	NA	
KX8QP4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
KZQ73B	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
L2X9YU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
L6NHZ2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
L6Z8VY	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
L792CE	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

L7MPBK	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
L83PVA	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LAEKJM	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
LCCA EZ	PowerPlex® Fusion (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
LDAEE3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
LDJHEU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
LDPPW9	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

LFLP97	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LHNXEW	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NE/NR	NA	NA	NA	
LJGW4	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
LJYXCQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LKH449	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
LKUGHY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
LLQBEN	GlobalFiler™ (STRMIX)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

LMY4V4	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
LP8AEJ	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	12,12	5,13	12,30.2	6,9.3 8,11
	14,15					
LQ8LJ6	Identifiler® Plus (STRmix)					
			19,25		15,16	11,13
	3	10,10	10,14			8,12 12,13
		13,15	13,14	29,30		X,X 11,12
		19,21				6,9.3 8,11
	14,15					
LRYH9Y	PowerPlex® Fusion 6C (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	12,12	5,13	12,30.2	6,9.3 8,11
	14,15					
LTJ8XY	PowerPlex® Fusion 5C, MiniFiler					
		11,13	19,25	12,15	15,16	11,13 NA
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	NA	6,9.3 8,11
	14,15	NR/NE	NA	NA	NA	
LTK2G6	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
LUGF94	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

LV727Z	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
LVW29C	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
LXJBXY	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
LZLCWB	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
M2UU4K	PowerPlex® Fusion 5C & 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
M2ZG6D	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
M448DE	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

M77V9P	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
M7WBUT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
MCG7YC	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
MJQ8RL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ML29RR	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MP4846	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
MPJUVD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

MR3G77	PowerPlex® Fusion 6C,5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
MTF2WV	PowerPlex® Fusion 5C, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
MTX4PP	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MUD39E	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MUFFMF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MUFW2M	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MWWKMR	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				

TABLE 2

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

Item 3 - STR Results

MYNHAQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no results			no results	
MYUB96	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
MZ6Q37	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N2ULYD	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N3RWUF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N4YC48	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N74J7E	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	--			--	

TABLE 2

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

Item 3 - STR Results

N7Q783	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
N7X6PK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
N8GXWA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NA2XXB	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
NBT6VT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NBWMVC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NC28ET	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

NECZWY	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
NK67J3	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
NMVM8A	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	N/A	N/A	N/A	N/A	
NMYD76	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
NP4XVQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
NRZBZW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NOT TESTED
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	Not Reported	Not Reported	12,30.2	6,9.3	8,11
	14,15	NR	Not Reported	Not Reported	NR	
NT27DF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

NU9ANC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NV7F67	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NW3G69	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NWWTHH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NWZMQA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NXQCTW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
NXT4HR	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

NY79EA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
P3G9QL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
P3JUM2	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	No Results	N/A	N/A	N/A	
P3KLKA	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
P3L6DJ	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
P4TYZQ	Investigator® 24plex (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
P4ZCTY	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

PC7TD8	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PCC49K	Identifiler® Plus, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NA			NA	
PHHYRK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
PJT4K2	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15	ND	ND	ND	N/A	
PK6ZRR	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
PN2MKF	PowerPlex® Fusion 6C (Lab Retriever)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
PPJET	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

PPWLMF	Identifiler® Plus					
	-	19,25	-	15,16	11,13	-
3	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	X,X	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	
PQPH93	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
PTBEHE	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PUNVT8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PX3NLL	GlobalFiler™ (STRMIX)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
PZDBHE	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
Q2GJTH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

Q7HB8F	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Q8EGU2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
Q9G6TH	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
QC3MC4	Investigator® 24plex QS (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QCMPDQ	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
QE8GNE	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
QF9FUM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

QFHCED	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QH4TYT	PowerPlex® ESI 16, AmpFISTR®NGM					
	11,13	19,25	12,15	15,16		
3	10	10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					
QH9JV4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QHR33V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QLRFJU	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QLX7T4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QM2FLF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

QMK9EC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
QNaNHT	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
QNZVG7	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
QWNJP9	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
QZPMDP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no results			no results	
R2CFYR	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
R3VATE	GlobalFiler™, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No results			No results	

TABLE 2

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

Item 3 - STR Results

R48PWK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No Results			No Results	
R6EL9V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
R7BYRH	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
R93CUE	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	N/A				
R9YDE7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RFXWVP	Investigator® 24plex QS (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RK9WAF	Identifiler®, Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	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

RLA3WM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RNDVT8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RPM84G	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
RTAMYH	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
RTK4WB	Investigator® 24plex (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
RWTLAR	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
RXP4GM	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

RYVQR7	PowerPlex® 21						
		11,13	19,25		15,16	11,13	12,18
	3	10,10	10,14		17,18	8,12	12,13
		13,15	13,14	29,30		X,X	11,12
		19,21	12,12	5,13		6,9.3	8,11
	14,15						
T2CWE2	PowerPlex® 6C, GlobalFiler™						
		11,13	19,25	12,15	15,16	11,13	
	3	10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X	11,12
		19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15						
T2XCXD	PowerPlex® Fusion 6C						
		11,13	19,25	12,15	15,16	11,13	
	3	10,10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X,X	11,12
		19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15						
T4GH9T	PowerPlex® Fusion						
		11,13	19,25	12,15	15,16	11,13	
	3	10,10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X,X	11,12
		19,21	12,12	5,13		6,9.3	8,11
	14,15	INC					
T6VLWY	PowerPlex® Fusion 5C (STRMIX)						
		11,13	19,25	12,15	15,16	11,13	
	3	10,10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X,X	11,12
		19,21	12,12	5,13		6,9.3	8,11
	14,15	NR					
TAMC3P	PowerPlex® Fusion 5C						
		11,13	19,25	12,15	15,16	11,13	NA
	3	10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X	11,12
		19,21	12	5,13	NA	6,9.3	8,11
	14,15	NE/NR	NA	NA	NA		
TANZTF	PowerPlex® Fusion 6C						
		11,13	19,25	12,15	15,16	11,13	
	3	10,10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X,X	11,12
		19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15						

TABLE 2

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

Item 3 - STR Results

TCDBGM	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
TDAN9L	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NO RESULTS			NO RESULTS	
TL6M2G	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
TLXMK	PowerPlex® 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
TMC979	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TMGJ97	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
TPZFB	Identifiler® Plus					
	-	19,25	-	15,16	11,13	-
3	10	10,14	-	-	8,12	12,13
	13,15	13,14	29,30	-	X,X	11,12
	19,21	-	-	-	6,9.3	8,11
	14,15	-	-	-	-	

TABLE 2

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

Item 3 - STR Results

TRDEE7	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
TUG4P2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TUW8Y2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TV4NVC	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
TWLR7C	Investigator® 24plex					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
TY4TR6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
U29KFC	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

U6RTMC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
U8DLBZ	PowerPlex® Fusion (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
UAXKKN	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR				
UB6U82	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UBBY7C	PowerPlex® Fusion 6C, Investigator® 24plex HDplex (DNASat)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
UBEMF4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UD4D48	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

UEXZKH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UFUM42	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
UG7BCF	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
ULYRVF	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UMNC7R	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	-
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	-	-	12,30.2	6,9.3	8,11
	14,15	NR	-	-	NR	
UR3X7C	PowerPlex® ESI Pro17/ ESX17					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X,X	
	19,21			12,30.2	6,9.3	
	14,15					
UTTXAN	NGM					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					

TABLE 2

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

Item 3 - STR Results

UWJL3M	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
UXNXC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
UYNC93	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
UZGL6K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no results			no results	
V29FGZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
V3JY7H	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
V3Y9BC	Investigator® 24plex QS					
	11,13	19,25	12,15	15,16	11,13	N/A
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	N/A	N/A	12,30.2	6,9.3	8,11
	14,15	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

V4FDVW	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
V938L3	GlobalFiler™ (STRmix, stutter filters on for reporting)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
V9E4J2	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VBHUQG	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VBY4C3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VDGKQV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VEG8BL	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

VEV87P	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VFN6EV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VFRKTH	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VGNGFC	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VGZYZ3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VHCZC3	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VKLXR7	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

VLFQL4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VNAFDP	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VP9EWX	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
VQK9G6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VQMGNA	PowerPlex® Fusion 6C (Lab Retriever)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VRJNBV	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
VRJRJC	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

VX7KTQ	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
VZ986N	PowerPlex® Fusion 5C, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	NA
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	NA	6,9.3	8,11
	14,15	NR/NE	NA	NA	NA	
W2N9XN	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
W3FZZU	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
W3XARA	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
W4ZK3K	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
W7UE9F	GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

W84GWY	GlobalFiler™ Plus (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
W9Y6DA	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	No results			No results	
WC7L7R	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	-
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	-	-	-	-	
WC7RGK	GlobalFiler™ (STRMIX)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WF27LQ	Identifiler®					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
WF43K8	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WFU3PQ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

WJ4BR3	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
WJ4UDY	GlobalFiler™ (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
WK726Q	Identifiler®					
			19,25		15,16	11,13
	3	10	10,14			8,12 12,13
		13,15	13,14	29,30		X 11,12
		19,21				6,9.3 8,11
	14,15					
WKF4L6	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
WM8J22	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21	12	5,13	12,30.2	6,9.3 8,11
	14,15					
WQ3EK2	GlobalFiler™ (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	XX 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
WRZ7P2	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

WT9H6G	Identifiler®, GlobalFiler™ (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WTZ82C	Identifiler® Plus					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					
WU2ERP	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
WU4KWL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WU22AH	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	no result			no result	
WX7392	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
WXVQGP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	

TABLE 2

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

Item 3 - STR Results

WZXWCW	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
X4NDLM	GlobalFiler™ (STRmix)					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					
X66XWQ	Identifiler® Plus					
			19,25		15,16	11,13
	3	10	10,14			8,12 12,13
		13,15	13,14	29,30		X 11,12
		19,21				6,9.3 8,11
	14,15					
X6F3BA	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	12,12	5,13	12,30.2	6,9.3 8,11
	14,15					
XBLYUA	PowerPlex® Fusion 6C					
		11,13	19,25	12,15	15,16	11,13
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	12,12	5,13	12,30.2	6,9.3 8,11
	14,15					
XCTENA	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13 -
	3	10,10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21	-	-	12,30.2	6,9.3 8,11
	14,15	-	-	-	-	
XCYDHJ	GlobalFiler™					
		11,13	19,25	12,15	15,16	11,13
	3	10	10,14	13,14	17,18	8,12 12,13
		13,15	13,14	29,30	15,16	X,X 11,12
		19,21			12,30.2	6,9.3 8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

XDABTF	Investigator® 24plex (STRmix)						
		11,13	19,25	12,15	15,16	11,13	
	3	10,10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X,X	11,12
		19,21			12,30.2	6,9.3	8,11
	14,15						
XDADGY	GlobalFiler™ (STRmix)						
		11,13	19,25	12,15	15,16	11,13	
	3	10,10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X,X	11,12
		19,21			12,30.2	6,9.3	8,11
	14,15	-			-		
XDWAU7	Identifiler®						
			19,25		15,16	11,13	
	3	10,10	10,14			8,12	12,13
		13,15	13,14	29,30		X,X	11,12
		19,21				6,9.3	8,11
	14,15						
XH2N8P	PowerPlex® Fusion						
		11,13	19,25	12,15	15,16	11,13	
	3	10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X	11,12
		19,21	12	5,13		6,9.3	8,11
	14,15	INC					
XJYB68	PowerPlex® Fusion 6C (STRmix)						
		11,13	19,25	12,15	15,16	11,13	
	3	10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X	11,12
		19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15						
XKAR4L	Investigator® 24plex (STRMix)						
		11,13	19,25	12,15	15,16	11,13	
	3	10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X	11,12
		19,21			12,30.2	6,9.3	8,11
	14,15						
XLBYUY	PowerPlex® Fusion 6C						
		11,13	19,25	12,15	15,16	11,13	
	3	10	10,14	13,14	17,18	8,12	12,13
		13,15	13,14	29,30	15,16	X	11,12
		19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15						

TABLE 2

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

Item 3 - STR Results

XP7GKT	Investigator® 24plex QS (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XRPPFL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	Not Reported	Not Reported	12,30.2	6,9.3	8,11
	14,15	NR	Not Reported	Not Reported	NR	
XVYQGR	PowerPlex® 16 Fast					
	11,13	19,25	12,15	15,16		
3		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					
XWBLUH	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
XWRVP6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
XXFW78	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	-			-	
XXUBJH	PowerPlex® Fusion, MiniFiler					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	NR				

TABLE 2

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

Item 3 - STR Results

XY78Q9	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
XY9RMN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	-
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	-	-	12,30.2	6,9.3	8,11
	14,15	NR	-	-	NR	
Y2DAPV	Investigator® 24plex QS (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
Y2YUKV	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Y6GDNT	PowerPlex® Fusion 5C & 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	NR	NR	NR		
Y7UA9H	GlobalFiler™ (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
Y93MT6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	NA
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15	NA	NA	NA	NA	

TABLE 2

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

Item 3 - STR Results

Y9G937	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YAR4R6	Identifiler®					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
YB6PCE	Identifiler®					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
YCYFHT	PowerPlex® Fusion 5C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15	NR				
YDPUBR	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	NA
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NA	NA	12,30.2	6,9.3	8,11
	14,15		NA	NA	NA	
YF937K	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
YGRBPT	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

YK2C4Q	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YKPFWZ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YM9JKX	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YMYJTW	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YN64GW	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YNBJ8X	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YNNPC9	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

YPDALK	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	NT	NT	12,30.2	6,9.3	8,11
	14,15	NR	NT	NT	NR	
YPPZ7W	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YQAHZW	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
YQHWT6	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YTF3NW	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	INC				
YVAMXB	Identifiler® Plus					
		19,25		15,16	11,13	
3	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					
YVLNF3	Identifiler®					
		19,25		15,16	11,13	
3	10	10,14			8,12	12,13
	13,15	13,14	29,30		X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

YVP2AQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
YXFT9V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
YZZ2GQ	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
Z4KXRR	PowerPlex® Fusion 6C (STRMix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z4UKVT	PowerPlex® Fusion					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					
Z6T2BH	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z7M468	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

Z8VNMF	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z9C3LW	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
ZAWLTN	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZB2CVX	PowerPlex® 21					
	11,13	19,25		15,16	11,13	12,18
3	10,10	10,14		17,18	8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21	12,12	5,13		6,9.3	8,11
	14,15					
ZCWY4V	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZFT7A6	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
ZJTEEF	Investigator® 24plex (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 3 - STR Results

ZK64UL	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZLFHGZ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZTHNW3	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZV3HVN	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	-
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15	-	-	-	-	
ZWKB3D	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	XX	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	NR			NR	
ZWUZVJ	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15					
ZXQ97N	PowerPlex® Fusion 5C					
	11,13	19,25	12,15	15,16	11,13	
3	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13		6,9.3	8,11
	14,15	-				

TABLE 2

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

Item 3e - STR Results

4JFYRP	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
3e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21			12,30.2	6,9.3	8,11
	14,15	ND			ND	
XJX3YN	Identifiler® Plus					
		19,25		15,16	11,13	
3e	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 3sp - STR Results

4JFYRP	GlobalFiler™					
	ND	ND	ND	ND	ND	
3sp	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND
	ND			ND	ND	ND
	ND	ND			ND	
XJX3YN	Identifiler® Plus					
		NA		NA	NA	
3sp	NA	NA			NA	NA
	NA	NA	NA		NA	NA
	NA				NA	NA
	NA					

TABLE 2

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

Item 4 - STR Results

38TRV3	Identifiler®					
		19,21,25		15,16	10,11,13	
4	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
4XXU3E	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
4ZEDTB	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
77JYNC	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	NA	NA	NA	
9CVQX9	PowerPlex® Fusion, MiniFiler					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
9JBFDH	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
CWC3D3	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4 - STR Results

D9NX2Q	GlobalFiler™					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	
4	9,10	[10],11,12,[14]	[13],14,16	[17],17.3	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	16,16	X,Y	[11],12
	[19],[21],22,23			[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10			2	
DBHT9E	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DDKUAB	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	N/A	N/A	2	
DE8289	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
DL36MC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
EXPQ7C	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
G82LVG	PowerPlex® ESI/X-17 FAST					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16		
4		10,11,12,14	13,14,16	17,17.3,18		12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	
	14,15,16,17					

TABLE 2

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

Item 4 - STR Results

GMXYPX	Identifiler®					
		19,21,25		15,16	10,11,13	
4	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
JCG22X	PowerPlex® ESX17, 21, Fusion5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	11,12,18
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
LHNXEW	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
LTJ8XY	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
MTF2WV	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
MWWKMR	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
MZ6Q37	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4 - STR Results

N7Q783	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
Q8EGU2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
R2CFYR	Identifiler® Plus					
		[19],21,25		[15],16	10,11,[13]	
4	9,10	[10],11,12,[14]			8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30		X,Y	[11],12
	[19],[21],22,23				[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17					
TAMC3P	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
UBBY7C	PowerPlex® Fusion 6C, Investigator® 24plex HDplex (LRmixStudio)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
VRJNBV	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VZ986N	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

WT9H6G	Identifiler®, GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
XXUBJH	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
YB6PCE	Identifiler®					
		19,21,25		15,16	10,11,13	
4	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
YGRBPT	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

22MEZK	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
269KXZ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
296YW6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	Inconclusive	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
2CNZ4X	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
2DZHLH	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
2J8RMP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
2NKDQV	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

2PE936	PowerPlex® 5C					
	11,13,15,15.3	19,[21],25	11,12,14,15	[15],16	10,11,[13]	
4e	[9],10	10,11,12,14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,22,23	12,[14]	5,7,12,13		6,[7],9,9.3	8,[10],11
	14,15,16,17	10				
2PZXW9	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
2Q2HRR	PowerPlex® Fusion 5C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
2TZ9T9	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
2UBNZT	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
2WH7YN	Identifiler® Plus (STRmix)					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
2YMM68	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

2ZGJJT	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
33YWTV	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
37CC42	Identifiler® Plus					
	-	19,21,25	-	15,16	10,11,13	-
4e		10,11,12,14	-	-	8,12	12,13,14
	13,15,17	13,14,15	29,30	-	X,Y	11,12
	19,21,22,23	-	-	-	6,7,9,9.3	8,10,11
	14,15,16,17	-	-	-	-	
38WE9A	GlobalFiler™					
	11,13,(15),(15.3)	19,(21),25	(11),12,(14),15	15,16	(10),11,13	
4e		10,(11),(12),14	13,14,(16)	17,(17.3),18	8,12	12,13,(14)
	13,15,(17)	13,14,(15)	29,30	15,16	X,(Y)	11,12
	19,21,(22),(23)			12,(29.2),30.2,(31.2)	6,(7),(9),9.3	8,(10),11
	14,15,(16),(17)	(10)			(2)	
39Y6Q4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
3BT9V4	PowerPlex® 21 (STRmix)					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e		10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
3DCRVU	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

3EP83G	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
3JM4A2	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	10,11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,X,[X],[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]			[2]	
3KTCWL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
3KV4LG	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]			[2]	
3KZ2XH	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
3ML6R6	Identifiler®, Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	N/A	N/A	N/A	
3RPB32	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

3RX9JR	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
3U3P4G	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
3WB9FC	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],[11],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16,[16],[16]	X,Y	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10			2	
3YDMPH	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
462UKW	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
47PCF3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
4A8MC7	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

4C7ZNK	Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
4DN4G6	PowerPlex® Fusion 5C, 6C, Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	11,13	
4e	9,10	10,11,12,14	13,14	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X	11,12
	19,21,23	12,14	5	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
4HJL6W	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
4HM482	PowerPlex® ES116, in-house					
	11,13,15,15.3	[19],21,25	11,12,14,15	15,16		
4e		10,11,12,14	13,14,16	[17],17.3,[18]		[12],13,[14]
	13,15,17	13,14,[15]	29,30	[15],16	X,[Y]	
	19,21,22,23				6,[7,9],9.3	
	14,15,16,17					
4JFYRP	GlobalFiler™					
	11,13,(15),15.3	19,21,25	11,12,(14),15	15,16	(10),11,13	
4e	9,10	10,11,(12),14	13,14,16	17,17.3,18	8,12	12,13,(14)
	13,15,17	13,14,(15)	29,30	15,16	X,Y	11,12
	19,21,(22),23			12,(29.2),30.2,(31.2)	6,(7,9),9.3	8,(10),11
	14,15,(16),17	10			2	
4KFEKU	GlobalFiler™					
	11,13,[15],15.3	[19],[21],25	11,[12],14,15	[15],16	[10],11,[13]	
4e	[9],10	10,11,12,14	[13],14,[16]	17,17.3,[18]	8,12	12,13,[14]
	[13],[15],17	[13],14,[15]	29,30	[15],16	X,[Y]	[11],12
	[19],[21],22,23			12,[29.2],30.2,[31.2]	6,7,9,9.3	8,[10],[11]
	14,15,16,17	10			2	
4KTAJ8	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

4LWLUH	PowerPlex® Fusion 6C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	10,10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,X,[X],[Y]	11,12
	19,21,[22],[23]	12,12,[14]	5,[7],[12],13	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]	[19]	[16]		
4M4R6X	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
4QL2HP	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
4UZ9DX	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
4YKPBF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	NT
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	NT	NT	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	NT	NT	2	
6BG2DK	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
6CCF6K	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

6HHBLY	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,[13]	
4e	[9],10	10,11,12,14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	[15],16	X,[Y]	[11],12
	19,21,22,23			12,29.2,30.2,[31.2]	6,7,[9],9.3	8,[10],11
	14,15,[16],[17]	10			2	
6KAL2D	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
6KJCNG	PowerPlex® Fusion 5C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	[15],16	X,[Y]	[11],12
	19,21,[22],[23]	12,[14]	5,[7],13		6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]					
6NBM4V	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
6NDBQZ	Identifiler®					
		19,[21],25		15,16	[10],11,13	
4e	[9],10	10,[11],[12],14			8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30		X,[Y]	11,12
	19,21,[22],[23]				6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]					
6ZJX9R	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
72B83T	Investigator® 24plex (STRmix)					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10				

TABLE 2

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

Item 4e - STR Results

76JU6H	Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
78DM88	PowerPlex® Fusion 6C					
	11,13#	19,25	12,15#	15,16	11,13	
4e	10#	10,14	13,14#	17,18#	8,12	12,13
	13,15#	13,14#	29,30	15,16	X	11,12
	19,21	12	5,13#	12,30.2#	6,9.3#	8,11#
	14,15	NR	NR	NR		
7BHKZT	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
7BY8CB	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
7CPJX3	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	12,15	15,16	[10],11,13	
4e	10,10	10,[11],[12],14	13,14	17,18	8,12	12,13,[14]
	13,15,[17]	13,14	29,30	15,16	X,X,[X],[Y]	11,12
	19,21,[22],[23]			12,30.2	6,[9],9.3	8,11
	14,15,[17]	[10]			[2]	
7HE2DY	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
7HHJEJ	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

7KJK8Z	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,12	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
7LMNBH	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
7MPWCG	PowerPlex® Fusion					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,[13]	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]	12,[14]	5,[7,12],13		6,[7,9],9.3	8,[10],11
	14,15,[16,17]	10				
7NCUVE	PowerPlex® Fusion 6C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]	12,[14]	5,[7],[12],13	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]	[19]	[16]		
7NMQ97	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
7PGVQF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
7PWAZA	Investigator® 24plex (STRmix)					
	11,13,15	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,16,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9.3	8,10,11
	14,15					

TABLE 2

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

Item 4e - STR Results

7RKLYF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
7TDLU7	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
7WFHFU	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
7YQRYX	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
7ZF8ZT	Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
826GB2	GlobalFiler™ (STRmix)					
	10,11,12,13,15,15.3	19,21,24,25	11,12,14,15	14,15,16	10,11,12,13	NT
4e	9,10	10,11,12,13,14	12,13,14,15,16	17,17.3,18	8,11,12	12,13,14
	13,14,15,16,17	13,14,15,Q	28,29,30	14,15,16	X,Y	11,12
	19,21,22,23	NT	NT	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11,Q
	14,15,16,17	10	NT	NT	2	
832B9Q	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

837GX2	PowerPlex® PP21					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
84BH9X	PowerPlex® Fusion 6C (STRmix)					
	11,13,15	19,21,25	12,15	15,16	11,13	
4e	10	10,12,14	13,14,16	17,17.3,18	8,12	12,13
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21,23	12,14	5,7,13	12,30.2	6,9,9.3	8,11
	14,15,17	10	19			
88RAEN	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
8B3CXK	Identifiler® Plus (STRmix)					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
8DD72P	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	2	
8FKNXZ	PowerPlex® Fusion 6C, Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
8FTZ6B	PowerPlex® Fusion 6C (STRMix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

8HVZ4M	Investigator® 24plex QS (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
8MACJC	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	NR		
8MC2M9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
8Q8FR6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
8QMJFA	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
8RHK49	PowerPlex® Fusion, GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
8UBQ7Y	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

8UCH3L	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,Y	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10			2	
8V4RX9	GlobalFiler™					
	11,13,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
922C8C	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
96ZLKY	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
972Y6R	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
98VRXP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9AFVWH	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

9BQVUX	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
9BWGT6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9EPFDM	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9HP7XL	Investigator® 24plex QS (STRmix (for EF only))					
		19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16		8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
9J6LFN	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9LAE83	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
9LGT6G	Identifiler® Plus					
		19,25		15,16	11,13	
4e	10,10	10,14			8,12	12,13
	13,15	13,14	29,30		X,X	11,12
	19,21				6,9.3	8,11
	14,15					

TABLE 2

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

Item 4e - STR Results

9M3NE4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9M4GCB	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
9M87G9	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
9QGUPD	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
9QX9WM	PowerPlex® Fusion 5C, 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
9T7DEG	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9UVUL4	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				

TABLE 2

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

Item 4e - STR Results

9VENC7	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
9WPEQG	GlobalFiler™, MiniFiler					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
A46TFK	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
A7V8NV	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
A8Q8RF	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
A9JMX3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
AB27YF	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				

TABLE 2

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

Item 4e - STR Results

AB8D93	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.3,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ABR68F	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ACD9JT	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ACEE4E	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
AFFHV2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
AGJU7C	PowerPlex® Fusion 6C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]	12,[14]	5,[7],[12],13	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]	[19]	[16]		
AMY36N	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

ANVE8H	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
APNRMZ	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ARFW8K	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
ATTF7W	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
AXZ9WL	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
AZ4G4Z	Investigator® 24plex (STRmix)					
	11,13,15,15.3	19,21,24,25	11,12,14,15	14,15,16	10,11,12,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
AZW9M8	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

B2XCKG	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
B68KE7	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	[15],16	10,11,13	
4e	[9],10	10,11,12,14	13,14,16	[17],17.3	8,12	12,13,14
	[13],[15],17	13,14,15	29,30	15,16	X,[Y]	[11],12
	19,21,22,23	12,[14]	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
B6TCCX	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
B9BA29	PowerPlex® PP6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
B9ZB4J	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
BA8VLR	GlobalFiler™					
	11,13,(15,15.3)	19,(21),25	(11),12,(14),15	15,16	(10),11,13	
4e	(9),10	10,(11,12),14	13,14,(16)	17,17.3,18	8,12	12,13,(14)
	13,15,17	13,14,(15)	29,30	15,16	X,(Y)	11,12
	19,21,(22,23)			12,(29.2),30.2,(31.2)	6,(7,9),9.3	8,(10),11
	14,15,(16,17)	10			2	
BCP8BG	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				

TABLE 2

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

Item 4e - STR Results

BE4K4K	PowerPlex® ESI 17 Pro, AmpFLSTR NGM SElect					
	11,13	19,25	12,15	15,16		
4e		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21			12,30.2	6,9.3	
	14,15					
BE73CG	PowerPlex® Fusion 5C, Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,15,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
BFU7U8	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
BKNHUT	GlobalFiler™					
	11,13,(15),(15.3)	19,(21),25	(11),12,(14),15	15,16	(10),11,13	
4e	(9),10	10,(11),(12),14	13,14,(16)	17,17.3,18	8,12	12,13,(14)
	13,15,(17)	13,14,(15)	29,30	15,16	X,Y	11,12
	19,21,(22),(23)			12,(29.2),30.2,(31.2)	6,(7),(9),9.3	8,(10),11
	14,15,(16),(17)	10			2	
BLXNWW	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
BLZEZX	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
BM3EQ4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

BMENBJ	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
BNRVBC	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
BQTG7H	Investigator® 24plex QS (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
BRVD3E	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
BUCDU9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
BUTRXC	PowerPlex® Fusion					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,[13]	
4e	[9],10	10,[11,12],14	13,14,[16]	17,18	8,12	12,13,[14]
	13,[15,17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]	12,[14]	5,[7,12],13		6,[7,9],9.3	8,[10],11
	14,15,[16,17]					
BXC9NA	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

BXFPPU	Investigator® 24plex QS					
	11,13,15	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
BXJ2Z6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
C27ZZY	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
C3499H	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
C6QV27	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
C7PARP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
C9NKWJ	PowerPlex® Fusion 5C & 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

CAMGT9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
CC6PR8	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	Not Tested
4e	9,10	[10],11,12,[14]	[13],14,16	[17],17.3,[18]v	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	[15],16v	X,Y	[11],12
	[19],[21],22,23	12,14	[5],7,12,[13]	[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10	19	16	2	
CCEUV7	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
CCV6CP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
CF2JGW	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
CR4KEZ	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
CRPLLH	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

CX9GYZ	PowerPlex® ESI 17					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16		
4e		10,11,12,14	13,14,16	17,17.3,18		12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	
	14,15,16,17					
CXTBMG	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
CY3AUJ	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,[21],25	11,12,14,15	15,16	10,11,13	
4e	[9],10	10,11,12,14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,[10],11
	14,15,[16],[17]	10			2	
CYN6WZ	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]			[2]	
CZLFJF	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
D2QL6F	PowerPlex® Fusion 5C					
	11,13,[15],15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]	12,[14]	5,[7,12],13		6,[7,9],9.3	8,[10],11
	14,15,[16,17]	10				
D3KMFR	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					

TABLE 2

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

Item 4e - STR Results

D3L6A2	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
D9HF89	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
D9RBVE	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
DBB8FY	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DBBCTL	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
DBQH46	Identifiler® Plus (BulletProof)					
		19,[21],25		15,16	[10],11,13	
4e	10	10,[12],14			8,12	12,13
	13,15,[17]	13,14	29,30		X,X	11,12
	19,21				6,[7],[9],9.3	8,11
	14,15					
DBZU8A	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

DC48BN	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DD3XPP	Identifiler® Plus (STRmix)					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
DEATYN	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DEE449	GlobalFiler™					
	11,13,15	19,21,25	11,12,14,15	15,16	11,13	
4e	9,10	10,11,12,14	13,14	17,18	8,12	12,13
	13,15,17	13,14,15	29,30	15,16	X	11,12
	19,21,22			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DF6AGD	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DGUYE9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DK3AVU	PowerPlex® Fusion 6C (STRmix™)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

DLLXKU	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]			[2]	
DQJDHG	PowerPlex® Fusion 6C, GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	2	
DQUAFG	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	10,10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10			2	
DR664U	PowerPlex® 21 (STRmix 2.0.6)					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
DRKNQC	Identifiler® Plus (STRmix)					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
DRXTX4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
DTU4XD	Investigator® 24plex (STRmix)					
	11,13,15,15.3	18,19,21,24,25	11,12,14,15	15,16	10,11,12,13	NA
4e	9,10	10,11,12,14	12,13,14,16	16,17,17.3,18	8,12	12,13,14
	13,15,17	12,13,14,15	28,29,30	14,15,16,17	X,Y	11,12
	19,21,22,23	NA	NA	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	NA	NA	NA	

TABLE 2

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

Item 4e - STR Results

DUA233	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
DZYA22	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
E22339	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
E7KP4D	Identifiler® Plus (STRmix)					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
E9MWXP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
EAEAMH	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
EBLNx6	PowerPlex® 16 HS					
				15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17		29,30		X,Y	11,12
	19,21,22	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4e - STR Results

EFWKJ7	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
EGW97G	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
EKHQQM	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ELBDQC	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
ELRERT	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
EPPV79	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
EQKHE6	GlobalFiler™					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]			12,[29.2],30.2,[31.2]	6,[7,9],9.3	8,[10],11
	14,15,[16,17]	[10]			[2]	

TABLE 2

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

Item 4e - STR Results

EQNNVK	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
EXGCH6	Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
F26LJP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
F2ZMA9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14 ^
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10 ^,11
	14,15,16,17 ^	10			2	
F4LEEJ	PowerPlex® ESI Fast/ESX					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16		
4e		10,11,12,14	13,14,16	17,17.3,18		12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	
	19,21,22,23				6,7,9,9.3	
	14,15,16,17					
F9HBNA	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
FCETTP	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				

TABLE 2

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

Item 4e - STR Results

FCUBUA	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
FCWT47	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
FHUG9Y	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
FJDHBT	PowerPlex® Fusion 5C & 6C, Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
FJGCFY	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
FL7822	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
FMHKKA	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

FNR2L9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15^	29,30,[31^**]	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2,[32.2^]	6,7^,9,9.3	8,10,11
	14,15,16,17	10			2	
FNR4AR	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]			[2]	
FNZDRY	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
FPQJ9P	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
FQ2J86	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
FUEDT4	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
FWBFCE	PowerPlex® Fusion 6C (strmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

FXY3GM	GlobalFiler™						
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13		
	4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
		13,15,17	13,14,15	29,30	15,16	X,Y	11,12
		19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2		
FYTALE	GlobalFiler™ (STRMix)						
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13		
	4e	[9],10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
		13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
		19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2		
FZBQ8E	PowerPlex® Fusion 6C (STRmix)						
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13		
	4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
		13,15,17	13,14,15	29,30	15,16	X,Y	11,12
		19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16			
FZZU69	PowerPlex® Fusion (STRmix)						
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13		
	4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
		13,15,17	13,14,15	29,30	15,16	X,Y	11,12
		19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC					
G2F9E4	GlobalFiler™						
	11,13	19,21,25	11,12,14,15	15,16	11,13		
	4e	10	10,14	13,14	17,18	8,12	12,13
		13,15,17	13,14,15	29,30	15,16	X	11,12
		19,21,22,23			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15						
G3CBA6	PowerPlex® Fusion 6C						
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13		
	4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
		13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
		19,21,[22],[23]	12,[14]	5,[7],[12],13	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]	[19]	[16]			
G3WRQ8	Investigator® 24plex QS						
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13		
	4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
		13,15,17	13,14,15	29,30	15,16	X,Y	11,12
		19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10					

TABLE 2

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

Item 4e - STR Results

G649X4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
G69LP7	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
GD8669	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
GEFAPJ	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
GFHQF4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
GHJ8YQ	Identifiler®, Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	N/A	N/A	N/A	
GHMKTE	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

GJCRBQ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
GNB8LY	Investigator® 24plex (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
GNRPVC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
GP2PYY	GlobalFiler™					
	11,13	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X	11,12
	19,21,22,23			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,17	10				
GQYJK6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
GQYZU2	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
GVELRE	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

GVPUTG	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
GWKG6L	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
GXBVDV	Investigator® 24plex (STRMix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
GY6JXC	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
H3QJV8	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
H6RV9Y	Investigator® 24plex QS (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
H6XFH3	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

H8F886	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
H97KGA	PowerPlex® Fusion 5C, Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
H9AG9E	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
HA7R8M	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	14,15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
HAZYCF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
HBZWRG	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
HDAMVW	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	NA
4e	[9],10,10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,X,[Y]	11,12
	19,21,[22],[23]	NA	NA	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]	NA	NA	[2]	

TABLE 2

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

Item 4e - STR Results

HEL76U	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
HG7B9X	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
HKRUUP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
HPGJZK	PowerPlex® 21					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
HQQKU7	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
HRLHAM	Identifiler® Plus					
	-	19,21,25	-	15,16	10,11,13	-
4e	9,10	10,11,12,14	-	-	8,12	12,13,14
	13,15,17	13,14,15	29,30	-	X,Y	11,12
	19,21,22,23	-	-	-	6,7,9,9.3	8,10,11
	14,15,16,17	-	-	-	-	
HT37XE	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

HV33XM	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
HXRETM	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
HY9YPN	PowerPlex® 21					
	11,13,[15],[15.3]	19,[21],25		15,16	[10],11,13	[11],12,18
4e	[9],10	10,[11],[12],14		17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30		X,[Y]	11,12
	19,21,[22],[23]	12,[14]	5,[7],13		6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]					
HYGWKL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
J3XCXK	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
J4ZD7H	GlobalFiler™					
	11,13,15.3	19,21,25	12,14,15	15,16	11,13	
4e	10	10,11,14	13,14,16	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,Y	11,12
	19,21,22,23			12,30.2,31.2	6,9.3	8,11
	14,15,17				2	
J8LAVM	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4e - STR Results

J979KC	PowerPlex® Fusion 5C					
	11,13,15	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14	17,17.3,18	8,12	12,13
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,23	12,14	5,7,13		6,7,9,9.3	8,11
	14,15,16,17	10				
J9NJKZ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
JCKBM6	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
JD2BY8	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
JDW8WF	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
JG2Q6A	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
JGY2W7	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

JKMVUD	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
JKWGE2	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3	19,21,25	11,[12],14,[15]	[15],16	10,11,[13]	N/A
4e	9,10	[10],11,12,[14]	[13],14,16	[17],17.3,[18]	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	[15],16v	X,Y	[11],12
	[19],[21],22,23	12,14	[5],7,12,[13]	[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10	19	16	2	
JLT6JH	GlobalFiler™ (STRmix (cell fraction))					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
JMZ6Z	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
JRBHDB	PowerPlex® Fusion 5C, 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
JXNP6L	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
JXPH29	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

JY4PPB	GlobalFiler™					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]			12,[29.2],30.2,[31.2]	6,[7,9],9.3	8,[10],11
	14,15,[16,17]	[10]			[2]	
JYGZ4P	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
K23QJ6	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	NA
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,[14]	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,[10],11
	14,15,16,17	10	19	16	NA	
K7FVGU	PowerPlex® Fusion 6C					
	11,13,15^,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15^,16	X,Y	11,12
	19,21,22,23	12,14^	5,7^,12,13	12,29.2,30.2,31.2^	6,7,9,9.3	8,10^,11
	14,15,16,17	10	19	16	N/A	
K7GBVK	PowerPlex® 21 (STRmix)					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
K8P66K	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
K8R2YV	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

K9LG4U	PowerPlex® Fusion 6C					
	11,13#	19,25#	12,15#	15,16	11,13#	
	10#	10,14#	13,14#	17,18#	8,12	12,13#
	13,15#	13,14#	29,30	15,16	X#	11,12
	19,21#	12#	5,13#	12,30.2#	6,9.3#	8,11#
	14,15#					
KEWRR2	PowerPlex® Fusion 6C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
	[9],10,10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,X,[Y]	11,12
	19,21,[22],[23]	12,12,[14]	5,[7],[12],13	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]	[19]	[16]		
KPD328	PowerPlex® 5C, 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	NT
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	NT	
KPJRHV	PowerPlex® PP21					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
KPVJ7T	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10		2		
KQ7NEB	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	NA
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	NA	
KX8QP4	GlobalFiler™					
	[11],13,15,15.3	[19],[21],25	11,[12],14,15	[15],16	10,11,[13]	
	[9],10	10,11,12,[14]	[13],14,[16]	[17],17.3,[18]	8,12	[12],13,[14]
	[13],[15],17	[13],14,[15]	29,30	[15],16	X,[Y]	[11],12
	[19],[21],22,23			[12],29.2,30.2,31.2	[6],7,9,[9.3]	8,[10],[11]
	14,15,16,17	10		2		

TABLE 2

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

Item 4e - STR Results

KZQ73B	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
L2X9YU	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
L6NHZ2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
L6Z8VY	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
L792CE	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
L7MPBK	Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	N/A	N/A	N/A	
L83PVA	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	[15],16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

LAEKJM	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
LCCA EZ	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
LDAAE3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LDJHEU	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21,22			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,16	NR			NR	
LDPPW9	PowerPlex® F6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
LFLP97	GlobalFiler™					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]			12,[29.2],30.2,[31.2]	6,[7,9],9.3	8,[10],11
	14,15,[16,17]	10			2	
LJGW4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

LJYXCQ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LKH449	PowerPlex® Fusion 6C					
	11,13,[15],15.3	19,[21],25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]	12,[14]	5,7,[12],13	12,29.2,30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]					
LKUGHY	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LLQBEN	GlobalFiler™ (STRMIX)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LMY4V4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LP8AEJ	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
LQ8LJ6	Identifiler® Plus (STRmix)					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4e - STR Results

LRXH9Y	PowerPlex® Fusion 6C (STRmix)					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,12,14	13,14,16	17,18	8,12	12,13
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21,22	12,12	5,7,13	12,30.2	6,9.3	8,11
	14,15	10		16		
LTK2G6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LUGF94	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LV727Z	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
LVW29C	PowerPlex® 21 (STRMix)					
	11,13,[15],[15.3]	19,[21],25		15,16	[10],11,13	[11],12,18
4e	10,10	10,[12],14		17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14	29,30		X,X,[Y]	11,12
	19,21,[22]	12,12,[14]	5,[7],[12],13		6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]					
LXJBXY	Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
LZLCWB	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

M2UU4K	PowerPlex® Fusion 5C & 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19			
M2ZG6D	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
M448DE	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	11,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
M77V9P	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]			[2]	
M7WBUT	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
MCG7YC	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
MJQ8RL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

ML29RR	Investigator® 24plex (STRmix)					
	11,13,15,15.3	18,19,21,24,25	11,12,14,15	14,15,16	10,11,12,13	
4e	9,10	10,11,12,14	12,13,14,16	16,17,17.3,18	8,11,12	12,13,14
	12,13,14,15,16,17	12,13,14,15	28,29,30	14,15,16,17	X,X	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10,10				
MP4846	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
MPJUVD	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
MR3G77	PowerPlex® Fusion 6C,5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
MTX4PP	Investigator® 24plex (STRmix)					
	11,13,15,15.3	18,19,21,24,25	11,12,14,15	14,15,16	10,11,12,13	
4e	9,10	10,11,12,14	12,13,14,16	16,17,17.3,18	8,11,12	11,12,13,14
	12,13,14,15,17	13,14,15	28,29,30	14,15,16,17	X,Y	10,11,12
	19,21,22,23			11,12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
MUD39E	Investigator® 24plex (STRmix)					
	11,13,15,15.3	18,19,21,24,25	11,12,15	15,16	10,11,13	
4e	9,10	10,11,12,14	12,13,14,16	17,17.3,18	8,12	12,13,14
	12,13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
MUFFMF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

MUFW2M	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
MYNHAQ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
MYUB96	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	[15],16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10			2	
N2ULYD	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
N3RWUF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
N4YC48	Investigator® 24plex QS (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
N74J7E	GlobalFiler™					
	11,13	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10,10	10,11,12,14	13,14,16	17,18	8,12	12,13
	13,15,17	13,14,15	29,30	15,16	X,X	11,12
	19,21,22,23			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15	--			--	

TABLE 2

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

Item 4e - STR Results

N7X6PK	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
N8GXWA	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NA2XXB	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
NBT6VT	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NBWMVC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NC28ET	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	11,12,14,15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14	17,[17.3],18	8,12	12,13,[14]
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,[29.2],30.2,[31.2]	6,7,9,9.3	8,[10],11
	14,15,[16],[17]	10			2	
NECZWY	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				

TABLE 2

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

Item 4e - STR Results

NK67J3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NMVM8A	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	N/A	
NMYD76	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X	11,12
	19,21,22,23	12,14	5,7,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
NP4XVQ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NRZBZW	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	NOT TESTED
4e	9,10	[10],11,12,[14]	[13],14,16	[17],17.3,[18]	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	[15],16	X,Y	[11],12
	[19],[21],22,23	12,14	[5],7,12,[13]	[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10	19	16	2	
NT27DF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NU9ANC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

NV7F67	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2,32.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NW3G69	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NWWTHH	GlobalFiler™					
	11,13,(15,15.3)	19,(21),25	(11),12,(14),15	15,16	(10),11,13	
4e	(9),10	10,(11,12),14	13,14,(16)	17,17.3,18	8,12	12,13,(14)
	13,15,17	13,14,(15)	29,30	15,16	X,Y	11,12
	19,21,(22,23)			12,(29.2),30.2,(31.2)	6,(7,9),9.3	8,(10),11
	14,15,(16,17)	(10)			(2)	
NWZMQA	GlobalFiler™					
	11,13,15,15.3	[19],[21],25	11,12,14,[15]	[15],16	10,11,[13]	
4e	[9],10	10,11,12,[14]	[13],14,[16]	[17],17.3,[18]	8,12	[12],13,[14]
	[13],[15],17	[13],14,[15]	29,30	[15],16	X,[Y]	[11],12
	19,[21],22,23			12,29.2,30.2,31.2	[6],7,9,[9.3]	8,[10],[11]
	14,15,16,17	10			2	
NXQCTW	GlobalFiler™					
	11,13,15	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NXT4HR	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	[9],10	10,11,12,14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	[15],16	X,[Y]	11,12
	19,21,22,23			12,[29.2],30.2,[31.2]	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
NY79EA	GlobalFiler™					
	11,[13],15,15.3	[19],[21],25	11,[12],14,[15]	[15],16	10,11,[13]	
4e	[9],10	10,11,12,[14]	[13],14,16	[17],17.3,[18]	8,12	[12],13,[14]
	[13],[15],17	[13],14,[15]	29,30	[15],16	X,[Y]	[11],12
	[19],[21],22,23			12,29.2,30.2,[31.2]	6,7,9,[9.3]	8,[10],[11]
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

P3G9QL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
P3JUM2	Investigator® 24plex (STRmix)					
	11,12,13,15	18,19,24,25	11,12,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	12,13,14,16	16,17,17.3,18	8,11,12	11,12,13,14
	13,15,17	13,14,15	28,29,30	15,16,17	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,16	10	N/A	N/A	N/A	
P3KLKA	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
P3L6DJ	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
P4TYZQ	Investigator® 24plex (STRMix)					
	11,13,15,15.3	19,21,24,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
P4ZCTY	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
PC7TD8	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

PCC49K	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
PHHYRK	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,[10],11
	14,15,16,17	10			2	
PJT4K2	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	N/A	
PK6ZRR	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
PN2MKF	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
PPJJET	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
PPWLMF	Identifiler® Plus					
	-	19,21,25	-	15,16	10,11,13	-
4e	9,10	10,11,12,14	-	-	8,12	12,13,14
	13,15,17	13,14,15	29,30	-	X,Y	11,12
	19,21,22,23	-	-	-	6,7,9,9.3	8,10,11
	14,15,16,17	-	-	-	-	

TABLE 2

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

Item 4e - STR Results

PQPH93	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
PTBEHE	Investigator® 24plex (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
PUNVT8	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
PX3NLL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
PZDBHE	GlobalFiler™ (STRmix (Cell Fraction))					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
Q2GJTH	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
Q7HB8F	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

Q9G6TH	Identifiler® Plus					
		19,(21),25		15,16	11,13	
4e	10,10	10,(11),(12),14			8,12	12,13,(14)
	13,15,(17)	13,14,(15)	29,30		X,X	11,12
	19,21				6,(7),(9),9.3	8,11
	14,15					
QC3MC4	Investigator® 24plex QS (STRMix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
QCMPDQ	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
QE8GNE	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
QF9FUM	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QFHCED	Investigator® 24plex (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
QH4TYT	PowerPlex® ESI 16, AmpFISTR®NGM					
	11,13	19,25	12,15	15,16		
4e		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					

TABLE 2

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

Item 4e - STR Results

QH9JV4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QHR33V	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QLRFJU	GlobalFiler™					
	11,13	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QLX7T4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QM2FLF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
QMK9EC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QNaNHT	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

QNZVG7	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
QWNJP9	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
QZPMDP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
R3VATE	GlobalFiler™, MiniFiler					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
R48PWK	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
R6EL9V	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
R7BYRH	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e		10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4e - STR Results

R93CUE	PowerPlex® Fusion 5C					
	11,13,15,(15.3)	(19),(21),25	11,12,(14),15	15,16	(10),11,(13)	
4e	(9),10	10,11,(12),14	13,14,(16)	17,17.3,18	8,12	12,13,(14)
	13,15,17	13,14,(15)	29,30	15,16	X,(Y)	11,12
	19,21,(22),(23)	12,(14)	5,7,(12),13		6,7,(9),9.3	8,10,11
	14,15,(16),(17)	10				
R9YDE7	GlobalFiler™					
	11,13,[15,15.3]	19,21,25	11,12,14,15	15,16	10,11,13	
4e	[9],10	10,[11,12],14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,[29.2],30.2,[31.2]	6,[7,9],9.3	8,10,11
	14,15,[16,17]	[10]			[2]	
RFXWVP	Investigator® 24plex QS (STRMix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
RK9WAF	Identifiler®, Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	N/A	N/A	N/A	
RLA3WM	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
RNDVT8	GlobalFiler™					
	[11],13,15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	
4e	9,10	[10],11,12,[14]	[13],14,16	[17],17.3,[18]	8,12	[12],13,[14]
	[13],[15],17	[13],14,[15]	29,30	[15],16	X,[Y]	[11],12
	[19],[21],22,23			12,29.2,30.2,31.2	[6],7,9,[9.3]	8,10,[11]
	14,15,16,17	10			2	
RPM84G	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

RTAMYH	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
RTK4WB	Investigator® 24plex (STRMix)					
	11,13,15	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X	11,12
	19,21,22			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
RWTLAR	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
RXP4GM	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
RYYQR7	PowerPlex® 21 (STRmix)					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
T2CWE2	PowerPlex® 6C, GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	2	
T2XCXD	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

T4GH9T	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
T6VLWY	PowerPlex® Fusion 5C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]	12,[14]	5,[7],[12],13		6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	[10]				
TANZTF	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
TCDBGM	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
4e	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
TDAN9L	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
TL6M2G	PowerPlex® Fusion					
	11,13	19,25	12,[14],15	15,16	11,13	
4e	10	10,[11],[12],14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21,[23]	12	5,13		6,9.3	8,[10],11
	14,15					
TLXMKV	PowerPlex® 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

TMC979	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
TMGJ97	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
TPZFBV	Identifiler® Plus					
	-	19,21,25	-	15,16	10,11,13	-
4e	9,10	10,11,12,14	-	-	8,12	12,13,14
	13,15,17	13,14,15	29,30	-	X,Y	11,12
	19,21,22,23	-	-	-	6,7,9,9.3	8,10,11
	14,15,16,17	-	-	-	-	
TRDEE7	PowerPlex® 21					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
TUG4P2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
TUW8Y2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	[9],10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
TV4NVC	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4e - STR Results

TWLR7C	Investigator® 24plex					
	11,13,15	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
TY4TR6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,[12],14,[15]	[15],16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	[13],[15],17	13,14,15	29,30	[15],16	X,[Y]	[11],12
	19,21,22,23			[12],29.2,30.2,31.2	6,7,9,9.3	8,10,[11]
	14,15,16,17	10		2		
U29KFC	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
U6RTMC	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
U8DLBZ	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
UAXKKN	Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
UB6U82	GlobalFiler™					
	11,13,(15),(15.3)	19,(21),25	(11),12,(14),15	15,16	(10),11,13	
	(9),10	10,(11),(12),14	13,14,(16)	17,(17.3),18	8,12	12,13,(14)
	13,15,(17)	13,14,(15)	29,30	15,16	X,X,(Y)	11,12
	19,21,(22),(23)			12,(29.2),30.2,(31.2)	6,(7),(9),9.3	8,(10),11
	14,15,(16),(17)	(10)		(2)		

TABLE 2

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

Item 4e - STR Results

UBEMF4	GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21,23			12,30.2	6,9.3	8,11
	14,15					
UD4D48	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
UEXZKH	GlobalFiler™					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]			12,[29.2],30.2,[31.2]	6,[7,9],9.3	8,[10],11
	14,15,[16]	[10]			[2]	
UFUM42	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
UG7BCF	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
ULYRVF	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,18	8,12	12,13,14
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
UMNC7R	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	-
4e	[9],10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]	-	-	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10	-	-	2	

TABLE 2

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

Item 4e - STR Results

UR3X7C	PowerPlex® ES1Pro17/ESX17					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16		
4e		10,11,12,14	13,14,16	17,17.3,18		12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	
	14,15,16,17					
UTTXAN	NGM					
	11,13	19,25	12,15	15,16		
4e		10,14	13,14	17,18		12,13
	13,15	13,14	29,30	15,16	X	
	19,21				6,9.3	
	14,15					
UWJL3M	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
UXNXC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
UYNC93	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
UZGL6K	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
V29FGZ	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

V3JY7H	Investigator® 24plex					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,16,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
V3Y9BC	Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	N/A
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	N/A	N/A	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	N/A	N/A	N/A	
V4FDVW	PowerPlex® F6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
V938L3	GlobalFiler™ (STRmix, stutter filters on for reporting)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
V9E4J2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VBHUQG	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VBY4C3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

VDGKQV	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
VEG8BL	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,15,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VEV87P	Investigator® 24plex (STRmix)					
	11,13,15,15.3	18,19,21,24,25	11,12,14,15	15,16	10,11,12,13	
4e	9,10	10,11,12,14	12,13,14,16	17,18	8,12	11,12,13,14
	13,15,17	13,14,15	28,29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
VFN6EV	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
VFRKTH	Investigator® 24plex (STRmix)					
	11,13,15,15.3	18,19,21,24,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	12,13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
VGNGFC	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VGZYZ3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

VHCZC3	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
VKLXR7	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VLFQL4	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
VNAFDP	PowerPlex® Fusion 6C					
	11,13,[15],[15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11],[12],14	13,14,[16]	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]	12,[14]	5,[7],[12],13	12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10	19	16		
VP9EWX	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
VQK9G6	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
VQMGNA	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

VRJRC	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
VX7KTQ	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
W2N9XN	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21,22,23	12	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,11
	14,15,16,17	10				
W3FZZU	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
W3XARA	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
W4ZK3K	GlobalFiler™ (STRmix)					
	11,13,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16	10			2	
W7UE9F	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

W84GWY	GlobalFiler™ Plus					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
W9Y6DA	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WC7L7R	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,25	11,12,14,15	15,16	11,13	-
4e	10	10,11,12,14	13,14,16	16,17,17.3,18	8,12	12,13
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21	12	5,7,12,13	12,30.2	6,9.3	8,11
	14,15,16,17	10	19	-	-	
WC7RGK	GlobalFiler™ (STRMIX)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WF27LQ	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
WF43K8	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WFU3PQ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

WJ4BR3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WJ4UDY	GlobalFiler™ (STRmix)					
	11,13,[15],[15.3]	19,[21],25	[11],12,15	15,16	[10],11,13	
4e	10	10,[11],[12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22],[23]			12,[29.2],30.2,[31.2]	6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]	10			2	
WK726Q	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
WKF4L6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WM8J22	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
WQ3EK2	GlobalFiler™ (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WRZ7P2	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

WTZ82C	Identifiler® Plus					
		19,[21],25		15,16	[10],11,13	
4e	10	10,[11],[12],14			8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30		X,[Y]	11,12
	19,21,[22],[23]				6,[7],[9],9.3	8,[10],11
	14,15,[16],[17]					
WU2ERP	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	14,15,16,17	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
WU4KWL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WU22AH	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WX7392	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WXVQGP	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
WZXWCW	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

X4NDLM	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
X66XWQ	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
X6F3BA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
XBLYUA	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
XCTENA	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	-
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	-	-	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	-	-	2	
XCYDHJ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	11,13	
4e	10	10,11,12,14	13,14,16	17,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,17				2	
XDABTF	Investigator® 24plex (STRmix)					
	11,12,13,15.3	19,24,25	11,12,14,15	15,16	10,11,12,13	
4e	9,10	10,11,12,14	12,13,14	16,17,17.3,18	8,12	11,12,13,14
	13,15,17	13,14,15	29,30	14,15,16,17	X,Y	11,12
	19,20,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				

TABLE 2

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

Item 4e - STR Results

XDADGY	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10		2		
XDWAU7	Identifiler®					
		19,21,25		15,16	10,11,13	
	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
XH2N8P	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
XJX3YN	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
XJYB68	PowerPlex® Fusion 6C (STRmix)					
	11,13,15.3	19,25	12,15	15,16	11,13	
	10	10,11,12,14	13,14	17,17.3,18	8,12	11,12,13,14
	13,14,15,17	13,14	29,30	15,16	X	11,12
	19,21,23	12	5,7,12,13	12,30.2	6,9,9.3	8,11
	14,15,16,17	10				
XKAR4L	Investigator® 24plex (STRMix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
XLBYUY	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

XP7GKT	Investigator® 24plex QS (STRMix)					
	11,13,15,15.3	19,21,24,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16,17	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
XRPPFL	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	
4e	9,10	[10],11,12,[14]	[13],14,16	[17],17.3,[18]	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	[15],16v	X,Y	[11],12
	[19],[21],22,23	12,14	[5],7,12,[13]	[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10	19	16	2	
XVYQGR	PowerPlex® 16 Fast					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16		
4e		10,11,12,14	13,14,16	17,17.3,18		12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	
	19,21,22,23				6,7,9,9.3	
	14,15,16,17					
XWBLUH	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14	17,17.3,18	8,12	12,13
	13,15,17	13,14	29,30	15,16	X,Y	11,12
	19,21,22,23	12	5,7,12,13	12,30.2,31.2	6,9,9.3	8,11
	14,15,16,17	10		16		
XWRVP6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
XXFW78	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
XY78Q9	Identifiler® Plus					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					

TABLE 2

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

Item 4e - STR Results

XY9RMN	GlobalFiler™					
	11,13,[15],[15.3]	19,[21],25	11,12,14,15	15,16	10,11,13	-
4e	[9],10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,[14]
	13,15,17	13,14,15	29,30	15,16	X,[Y]	11,12
	19,21,22,23	-	-	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,[16],[17]	10	-	-	2	
Y2DAPV	Investigator® 24plex QS (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
Y2YUKV	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e		10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
Y6GDNT	PowerPlex® Fusion 5C & 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
Y7UA9H	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
Y93MT6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	NA
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	NA	NA	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	NA	NA	2	
Y9G937	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2,[32.2]	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

YAR4R6	Identifiler®					
		19,21,25		15,16	10,11,13	
4e	9,10	10,11,12,14			8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23				6,7,9,9.3	8,10,11
	14,15,16,17					
YCYFHT	PowerPlex® Fusion 5C					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,17	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]	12,[14]	5,[7,12],13		6,[7,9],9.3	8,[10],11
	14,15,[16,17]	[10]				
YDPUBR	Investigator® 24plex (STRmix)					
	11,13,15,15.3	19,25	11,12,14,15	15,16	10,11,13	NA
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	NA	NA	12,30.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	NA	NA	NA	
YF937K	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
YK2C4Q	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
YKPFWZ	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
YM9JKX	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	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 4e - STR Results

YMYJTW	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
YN64GW	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
YNBJ8X	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
YNNPC9	PowerPlex® Fusion 6C					
	11,13	19,25	12,15	15,16	11,13	
4e	10,10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X,X	11,12
	19,21	12,12	5,13	12,30.2	6,9.3	8,11
	14,15					
YPDALK	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	2	
YPPZ7W	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
YGAHZW	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				

TABLE 2

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

Item 4e - STR Results

YQHWT6	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
YTF3NW	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				
YVAMXB	Identifiler® Plus					
		19,(21),25		15,16	(10),11,13	
4e	(9),10,10	10,(11),(12),14			8,12	12,13,(14)
	13,15,17	13,14,(15)	29,30		X,X,(Y)	11,12
	19,21,(22),(23)				6,(7),(9),9.3	8,(10),11
	14,15,(16),(17)					
YVLNF3	Identifiler®					
		19,21,25		[15],16	10,11,[13]	
4e	9,10	[10],11,12,[14]			8,12	12,13,14
	[13],[15],17	[13],14,[15]	29,30		X,[Y]	12
	[19],[21],22,23				[6],7,9,[9.3]	8,10,11
	14,15,16,17					
YVP2AQ	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
YXFT9V	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
YZZ2GQ	PowerPlex® Fusion (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	INC				

TABLE 2

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

Item 4e - STR Results

Z4KXRR	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
Z4UKVT	PowerPlex® Fusion					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
Z6T2BH	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
Z7M468	PowerPlex® Fusion 5C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17	10				
Z8VNMF	PowerPlex® Fusion, GlobalFiler™					
	11,13	19,25	12,15	15,16	11,13	
4e	10	10,14	13,14	17,18	8,12	12,13
	13,15	13,14	29,30	15,16	X	11,12
	19,21	12	5,13	12,30.2	6,9.3	8,11
	14,15					
Z9C3LW	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ZAWLTN	GlobalFiler™					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	
4e	9,10	[10],11,12,[14]	[13],14,16	[17],17.3	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	[15],16	X,Y	[11],12
	[19],[21],22,23			[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10			2	

TABLE 2

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

Item 4e - STR Results

ZB2CVX	PowerPlex® 21 (STRMix)					
	11,13,15,15.3	19,21,25		15,16	10,11,13	11,12,18
4e	9,10	10,11,12,14		17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30		X,Y	11,12
	19,21,22,23	12,14	5,7,12,13		6,7,9,9.3	8,10,11
	14,15,16,17					
ZCWY4V	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ZFT7A6	PowerPlex® Fusion 6C					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16		
ZJTEEF	Investigator® 24plex (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10				
ZK64UL	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ZLFHGZ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ZTHNW3	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	

TABLE 2

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

Item 4e - STR Results

ZV3HVN	PowerPlex® Fusion 6C (STRmix)					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	-
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23	12,14	5,7,12,13	12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10	19	16	-	
ZWK3D	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	10	10,11,12,14	13,14,16	17,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ZWUZVJ	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	15,16	10,11,13	
4e	9,10	10,11,12,14	13,14,16	17,17.3,18	8,12	12,13,14
	13,15,17	13,14,15	29,30	15,16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10,11
	14,15,16,17	10			2	
ZXQ97N	PowerPlex® Fusion 5C					
	11,13,[15,15.3]	19,[21],25	[11],12,[14],15	15,16	[10],11,13	
4e	[9],10	10,[11,12],14	13,14,[16]	17,[17.3],18	8,12	12,13,[14]
	13,15,[17]	13,14,[15]	29,30	15,16	X,[Y]	11,12
	19,21,[22,23]	12,[14]	5,[7,12],13		6,[7,9],9.3	8,[10],11
	14,15,[16,17]	10				

TABLE 2

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

Item 4sp - STR Results

22MEZK	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
269KXZ	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
296YW6	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
2CNZ4X	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
2DZHLH	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
2J8RMP	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
2NKDQV	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

2PE936	PowerPlex® 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	[19],22,23	12,14	7,12		7,9	8,10
	16,17	10				
2PZXW9	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
2Q2HRR	PowerPlex® Fusion 5C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
2TZ9T9	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
2UBNZT	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
2WH7YN	Identifiler® Plus (STRmix)					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
2YMM68	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

2ZGJJT	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
33YWTV	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
37CC42	Identifiler® Plus					
	-	21,25	-	16	10,11	-
4sp		11,12	-	-	8,12	13,14
	17	14,15	29,30	-	X,Y	12
	22,23	-	-	-	7,9	8,10
	16,17	-	-	-	-	
38WE9A	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp		11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
39Y6Q4	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp		11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
3BT9V4	PowerPlex® 21 (STRmix)					
	15,15.3	21,25		16,16	NR	11,18
4sp		11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
3DCRVU	PowerPlex® F6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

3EP83G	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
3JM4A2	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
3KTCWL	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
3KV4LG	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
3KZ2XH	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
3ML6R6	Identifiler®, Investigator® 24plex QS					
	15,15.3	21,25	11,14	16,16	10,11	N/A
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	N/A	N/A	29.2,31.2	7,9	8,10
	16,17	10	N/A	N/A	N/A	
3RPB32	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

3RX9JR	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
3U3P4G	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
3WB9FC	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
3YDMPH	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
462UKW	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
47PCF3	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
4A8MC7	GlobalFiler™ (STRmix)						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

4C7ZNK	Investigator® 24plex QS					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
4DN4G6	PowerPlex® Fusion 5C, 6C, Investigator® 24plex					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
4HJL6W	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
4HM482	PowerPlex® ES116, in-house					
	15,15.3	21,25	11,14	16		
4sp		11,12	14,16	17.3		13,14
	17	14,15	29,30	16	X,Y	
	22,23				7,9	
	16,17					
4JFYRP	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
4KFEKU	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
4KTAJ8	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

4LWLUH	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
4M4R6X	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
4QL2HP	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
4UZ9DX	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
4YKPBF	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	NT
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	NT	NT	29.2,31.2	7,9	8,10
	16,17	10	NT	NT	2	
6BG2DK	GlobalFiler™					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	16	10,11,[13]	
4sp	9,10	[10],11,12,[14]	14,16	[17],17.3	8,12	13,14
	[13],[15],17	[13],14,15	29,30	16	X,Y	[11],12
	[19],22,23			[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10
	[14],16,17	10			2	
6CCF6K	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

6HHBLY	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
6KAL2D	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
6KJCNG	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
6NBM4V	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
6NDBQZ	Identifiler®					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
6ZJX9R	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17					
72B83T	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				

TABLE 2

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

Item 4sp - STR Results

76JU6H	Investigator® 24plex QS					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
78DM88	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
7BHKZT	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
7BY8CB	Identifiler® Plus					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
7CPJX3	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
7HE2DY	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
7HHJEJ	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

7KJK8Z	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
7LMNBH	Identifiler® Plus					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
7MPWCG	PowerPlex® Fusion					
	[13],15,15.3	21,25	11,14	16	10,11	
4sp	9,10	[10],11,12	14,16	17.3	8,12	[12],13,14
	[15],17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		[6],7,9,[9.3]	8,10
	16,17	10				
7NCUVE	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
7NMQ97	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
7PGVQF	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
7PWAZA	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				

TABLE 2

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

Item 4sp - STR Results

7RKLYF	GlobalFiler™						
	15,15.3	21,25	11,14	16	10,11		
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12	
	22,23			29.2,31.2	7,9	8,10	
	16,17	10			2		
7TDLU7	GlobalFiler™						
	15,15.3	21,25	11,14	16	10,11		
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12	
	22,23			29.2,31.2	7,9	8,10	
	16,17	10			2		
7WFHFU	PowerPlex® Fusion 6C						
	15,15.3	21,25	11,14	16	10,11		
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12	
	22,23	12,14	7,12	29.2,31.2	7,9	8,10	
	16,17	10	19	16			
7YQRYX	Identifiler®						
		21,25		16,16	10,11		
	4sp	9,10	11,12		8,12	13,14	
	17,17	14,15	29,30		X,Y	12,12	
	22,23				7,9	8,10	
	16,17						
7ZF8ZT	Investigator® 24plex						
	15,15.3	21,25	11,14	16	10,11		
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12	
	22,23			29.2,31.2	7,9	8,10	
	16,17	10					
826GB2	GlobalFiler™ (STRmix)						
	14,15,15.3	20,21,24,25	10,11,14	15,16	9,10,11	NT	
	4sp	9,10	10,11,12	13,14,15,16	16.3,17.3	8,11,12	12,13,14
	16,17	14,15	28,29,30	15,16	X,Y	11,12	
	21,22,23	NT	NT	29.2,30.2,31.2	7,9	8,10	
	15,16,17	10	NT	NT	2		
832B9Q	GlobalFiler™						
	15,15.3	21,25	11,14	16	10,11		
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12	
	22,23			29.2,31.2	7,9	8,10	
	16,17	10			2		

TABLE 2

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

Item 4sp - STR Results

837GX2	PowerPlex® PP21					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
84BH9X	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
88RAEN	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
8B3CXK	Identifiler® Plus (STRmix)					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
8DD72P	PowerPlex® Fusion 6C, GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	2	
8FKNXZ	PowerPlex® Fusion 6C, Investigator® 24plex					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
8FTZ6B	PowerPlex® Fusion 6C (STRMix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

8HVZ4M	Investigator® 24plex QS (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
8MACJC	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
8MC2M9	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
8Q8FR6	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
8QMJFA	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
8RHK49	PowerPlex® Fusion, GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
8UBQ7Y	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

8UCH3L	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
8V4RX9	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
922C8C	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
96ZLKY	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
972Y6R	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
98VRXP	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
9AFVWH	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

9BQVUX	PowerPlex® F6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
9BWGT6	GlobalFiler™					
	13,15,15.3	19,21,25	11,12,14,15	16	10,11,13	
4sp	9,10	11,12	14,16	17.3	8,12	12,13,14
	15,17	13,14,15	29,30	16	X,Y	11,12
	19,21,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10
	16,17	10			2	
9EPFDM	GlobalFiler™ (STRmix)					
	[11],15,15.3	21,25	11,14	16,16	10,11,[13]	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
9HP7XL	Investigator® 24plex QS (STRmix (for EF only))					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
9J6LFN	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
9LAE83	Identifiler®					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
9LGT6G	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					

TABLE 2

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

Item 4sp - STR Results

9M3NE4	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
9M4GCB	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
9M87G9	PowerPlex® F6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
9QGUPD	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
9QX9WM	PowerPlex® Fusion 5C, 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
9T7DEG	GlobalFiler™					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]	
4sp	9,10	[10],11,12,[14]	[13],14,16	[17],17.3	8,12	[12],13,14
	[13],[15],17	[13],14,15	29,30	[15],16	X,Y	[11],12
	[19],[21],22,23			[12],29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[14],[15],16,17	10			2	
9UVUL4	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				

TABLE 2

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

Item 4sp - STR Results

9VENC7	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
9WPEQG	GlobalFiler™, MiniFiler					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
A46TFK	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
A7V8NV	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
A8Q8RF	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
A9JMX3	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
AB27YF	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				

TABLE 2

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

Item 4sp - STR Results

AB8D93	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ABR68F	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ACD9JT	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ACEE4E	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
AFFHV2	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
AGJU7C	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
AMY36N	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

ANVE8H	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
APNRMZ	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ARFW8K	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
ATTF7W	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
AXZ9WL	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
AZ4G4Z	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
AZW9M8	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

B2XCKG	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
B68KE7	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
B6TCCX	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
B9BA29	PowerPlex® PP6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
B9ZB4J	PowerPlex® F6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
BA8VLR	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
BCP8BG	PowerPlex® Fusion 5C					
	13,15,15.3	19,21,25	11,12,14	16	10,11,13	
4sp	9,10	11,12,14	13,14,16	17,17.3	8,12	13,14
	15,17	14,15	29,30	16	X,Y	11,12
	19,21,22,23	12,14	5,7,12		7,9	8,10
	14,16,17	10				

TABLE 2

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

Item 4sp - STR Results

BE4K4K	PowerPlex® ESI 17 Pro, AmpFLSTR NGM SElect					
	15,15.3	21,25	11,14	16		
4sp		11,12	14,16	17.3		13,14
	17	14,15	29,30	16	X,Y	
	22,23			29.2,31.2	7,9	
	16,17					
BE73CG	PowerPlex® Fusion 5C, Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
BFU7U8	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
BKNHUT	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
BLXNWW	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
BLZEZX	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
BM3EQ4	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

BMENBJ	GlobalFiler™ (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
BNRVBC	PowerPlex® Fusion 6C (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
BQTG7H	Investigator® 24plex QS (STRmix)						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10				
BRVD3E	Identifiler® Plus						
			21,25		16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17	14,15	29,30		X,Y	12
		22,23				7,9	8,10
		16,17					
BUCDU9	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,30.2,31.2	7,9	8,10
		16,17	10			2	
BUTRXC	PowerPlex® Fusion						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,[30]	16	X,Y	12
		22,23	12,14	7,12		7,9	8,10
		16,17	10				
BXC9NA	PowerPlex® Fusion 6C (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	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 4sp - STR Results

BXFPPU	Investigator® 24plex QS					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
BXJ2Z6	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
C27ZZY	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
C3499H	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
C6QV27	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
C7PARP	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
C9NKWJ	PowerPlex® Fusion 5C & 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

CAMGT9	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CC6PR8	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[13],15,15.3v	21,25	11,14	16	10,11	Not Tested
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	[13],17v	14,15	29,30	16	X,Y	12
	22,23	Not Reported	Not Reported	29.2,31.2	7,9	8,10,[11]v
	[15],16,17v	10	Not Reported	Not Reported	2	
CCEUV7	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
CCV6CP	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CF2JGW	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CR4KEZ	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CRPLLH	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

CX9GYZ	PowerPlex® ESI 17					
	15,15.3	21,25	11,14	16,16		
4sp		11,12	14,16	17.3,17.3		13,14
	17,17	14,15	29,30	16,16	X,Y	
	22,23			29.2,31.2	7,9	
	16,17					
CXTBMG	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CY3AUJ	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CYN6WZ	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
CZLFJF	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
D2QL6F	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
D3KMFR	PowerPlex® F6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

D3L6A2	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
D9HF89	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
D9RBVE	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
DBB8FY	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
DBBCTL	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
DBQH46	Identifiler® Plus (BulletProof)					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
DBZU8A	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

DC48BN	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
DD3XPP	Identifiler® Plus (STRmix)					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
DEATYN	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
DEE449	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
DF6AGD	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
DGUYE9	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
DK3AVU	PowerPlex® Fusion 6C (STRmix™)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

DLLXKU	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
DQJDHG	PowerPlex® Fusion 6C, GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16	2	
DQUAFG	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
DR664U	PowerPlex® 21 (STRmix 2.0.6)						
		15,15.3	21,25		16,16	10,11	11,18
	4sp	9,10	11,12		17.3,17.3	8,12	13,14
		17,17	14,15	29,30		X,Y	12,12
		22,23	12,14	7,12		7,9	8,10
		16,17					
DRKNQC	Identifiler® Plus (STRmix)						
			21,25		16,16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17,17	14,15	29,30		X,Y	12,12
		22,23				7,9	8,10
		16,17					
DRXTX4	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
DTU4XD	Investigator® 24plex (STRmix)						
		15,15.3	21,25	11,14	16,16	10,11	NA
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	11,12
		22,23	NA	NA	29.2,31.2	7,9	8,10
		16,17	10	NA	NA	NA	

TABLE 2

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

Item 4sp - STR Results

DUA233	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,30.2,31.2	7,9	8,10
	16,17	10	19	16		
DZYA22	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
E22339	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
E7KP4D	Identifiler® Plus (STRmix)					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
E9MWXP	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
EAEAMH	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
EBLNx6	PowerPlex® 16 HS					
				16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17		29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					

TABLE 2

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

Item 4sp - STR Results

EFWKJ7	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
EGW97G	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
EKHQQM	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ELBDQC	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
ELRERT	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
EPPV79	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
EQKHE6	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

EQNNVK	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
EXGCH6	Investigator® 24plex QS					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
F26LJP	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
F2ZMA9	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
F4LEEJ	PowerPlex® ESI Fast/ESX					
	15,15.3	21,25	11,14	16,16		
4sp		11,12	14,16	17.3,17.3		13,14
	17,17	14,15	29,30	16,16	X,Y	
	22,23				7,9	
	16,17					
F9HBNA	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
FCETTP	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				

TABLE 2

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

Item 4sp - STR Results

FCUBUA	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
FCWT47	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
FHUG9Y	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
FJDHBT	PowerPlex® Fusion 5C & 6C, Investigator® 24plex					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
FJGCFY	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
FL7822	Identifiler® Plus					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
FMHKA	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

FNR2L9	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
		16,17	10			2
FNR4AR	GlobalFiler™					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23			29.2,31.2	7,9 8,10
		16,17	10			2
FNZDRY	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
		16,17	10			2
FPQJ9P	Identifiler®					
			21,25		16,16	10,11
	4sp	9,10	11,12			8,12 13,14
		17,17	14,15	29,30		X,Y 12,12
		22,23				7,9 8,10
		16,17				
FQ2J86	PowerPlex® Fusion 6C (STRmix)					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
		16,17	10	19	16	
FUEDT4	PowerPlex® Fusion 6C (STRmix)					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
		16,17	10	19	16	
FWBFCE	PowerPlex® Fusion 6C (strmix)					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
		16,17	10	19	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 4sp - STR Results

FXY3GM	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
FYTALE	GlobalFiler™ (STRMix)					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
FZBQ8E	PowerPlex® Fusion 6C (STRmix)					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
	16,17	10	19	16		
FZZU69	PowerPlex® Fusion (STRmix)					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12		7,9 8,10
	16,17	INC				
G2F9E4	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
G3CBA6	PowerPlex® Fusion 6C					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
	16,17	10	19	16		
G3WRQ8	Investigator® 24plex QS					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10				

TABLE 2

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

Item 4sp - STR Results

G649X4	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
G69LP7	Identifiler®						
			21,25		16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17	14,15	29,30		X,Y	12
		22,23				7,9	8,10
		16,17					
GD8669	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
GEFAPJ	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
GFHQF4	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
GHJ8YQ	Identifiler®, Investigator® 24plex QS						
		15,15.3	21,25	11,14	16,16	10,11	N/A
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	N/A	N/A	29.2,31.2	7,9	8,10
		16,17	10	N/A	N/A	N/A	
GHMKTE	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	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 4sp - STR Results

GJCRBQ	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
GNB8LY	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
GNRPVC	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
GP2PYY	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
GQYJK6	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
GQYZU2	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
GVELRE	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

GVPUTG	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,[30.2],31.2	7,9 8,10
	16,17	10			2	
GWKG6L	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
GXBVDV	Investigator® 24plex (STRMix)					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23			29.2,31.2	7,9 8,10
	16,17	10				
GY6JXC	PowerPlex® Fusion 6C					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
	16,17	10	19	16		
H3QJV8	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
H6RV9Y	Investigator® 24plex QS (STRmix)					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23			29.2,31.2	7,9 8,10
	16,17	10				
H6XFH3	PowerPlex® Fusion 6C					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
	16,17	10	19	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 4sp - STR Results

H8F886	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
H97KGA	PowerPlex® Fusion 5C, Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
H9AG9E	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
HA7R8M	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
HAZYCF	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
HBZWRG	PowerPlex® Fusion 5C					
	15,15.3	19,21,25	11,14	16	10,11	
4sp	9,10	11,12,14	14,16	17,17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
HDAMVW	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	NA
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	NA	NA	29.2,31.2	7,9	8,10
	16,17	10	NA	NA	2	

TABLE 2

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

Item 4sp - STR Results

HEL76U	GlobalFiler™					
	15,15.3	19,21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	13,15,17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	6,7,9	8,10
	16,17	10			2	
HG7B9X	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
HKRUUP	GlobalFiler™					
	15,15.3	19,21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	19,22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
HPGJZK	PowerPlex® 21					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
HQQKU7	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
HRLHAM	Identifiler® Plus					
	-	21,25	-	16	10,11	-
4sp	9,10	11,12	-	-	8,12	13,14
	17	14,15	29,30	-	X,Y	12
	22,23	-	-	-	7,9	8,10
	16,17	-	-	-	-	
HT37XE	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

HV33XM	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
HXRETM	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
HY9YPN	PowerPlex® 21					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
HYGWKL	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
J3XCXK	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
J4ZD7H	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
J8LAVM	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					

TABLE 2

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

Item 4sp - STR Results

J979KC	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
J9NJKZ	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JCKBM6	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
JD2BY8	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JDW8WF	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
JG2Q6A	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
JGY2W7	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

JKMVUD	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JKWGE2	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	15,15.3	[19],21,25v	11,14	16	10,11	N/A
4sp	9,10	11,12,[14]v	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	[19],22,23v	Not Reported	Not Reported	29.2,31.2	7,9,[9.3]v	8,10
	[14],16,17v	10	Not Reported	Not Reported	2	
JLT6JH	GlobalFiler™ (STRmix (cell fraction))					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JMZ6Z	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JRBHDB	PowerPlex® Fusion 5C, 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
JXNP6L	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JXPH29	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

JY4PPB	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
JYGZ4P	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
K23QJ6	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	NA
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	NA	
K7FVGU	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	N/A
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	N/A	
K7GBVK	PowerPlex® 21 (STRmix)					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
K8P66K	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
K8R2YV	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

K9LG4U	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
KEWRR2	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
KPD328	PowerPlex® 5C, 6C						
		15,15.3	21,25	11,14	16	10,11	NT
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16	NT	
KPJRHV	PowerPlex® PP21						
		15,15.3	21,25		16	10,11	11,18
	4sp	9,10	11,12		17.3	8,12	13,14
		17	14,15	29,30		X,Y	12
		22,23	12,14	7,12		7,9	8,10
		16,17					
KPVJ7T	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
KQ7NEB	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	NA
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16	NA	
KX8QP4	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

KZQ73B	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
L2X9YU	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
L6NHZ2	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,30.2,31.2	7,9	8,10
		16,17	10			2	
L6Z8VY	PowerPlex® Fusion 6C (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
L792CE	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
L7MPBK	Investigator® 24plex						
		15,15.3	21,25	11,14	16,16	10,11	N/A
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	N/A	N/A	29.2,31.2	7,9	8,10
		16,17	10	N/A	N/A	N/A	
L83PVA	GlobalFiler™ (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

LAEKJM	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
LCCAEZ	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
LDAEE3	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
LDJHEU	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
LDPPW9	PowerPlex® F6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
LFLP97	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
LJGVW4	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

LJYXCQ	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
LKH449	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp		11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
LKUGHY	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
LLQBEN	GlobalFiler™ (STRMIX)						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
LMY4V4	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
LP8AEJ	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
LQ8LJ6	Identifiler® Plus (STRmix)						
			21,25		16,16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17,17	14,15	29,30		X,Y	12,12
		22,23				7,9	8,10
		16,17					

TABLE 2

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

Item 4sp - STR Results

LRYH9Y	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
LTK2G6	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
LUGF94	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
LV727Z	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
LVW29C	PowerPlex® 21 (STRMix)					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
LXJBXY	Investigator® 24plex					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
LZLCWB	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

M2UU4K	PowerPlex® Fusion 5C & 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
M2ZG6D	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
M448DE	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
M77V9P	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
M7WBUT	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
MCG7YC	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
MJQ8RL	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

ML29RR	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10,10				
MP4846	PowerPlex® F6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
MPJUVD	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
MR3G77	PowerPlex® Fusion 6C,5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
MTX4PP	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
MUD39E	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
MUFFMF	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

MUFW2M	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
MYNHAQ	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
MYUB96	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
N2ULYD	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
N3RWUF	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
N4YC48	Investigator® 24plex QS (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
N74J7E	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

N7X6PK	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
N8GXWA	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
NA2XXB	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
NBT6VT	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
NBWMVC	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
NC28ET	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
NECZWY	PowerPlex® Fusion						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12		7,9	8,10
		16,17	INC				

TABLE 2

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

Item 4sp - STR Results

NK67J3	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NMVM8A	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	N/A
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	N/A	
NMYD76	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
NP4XVQ	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NRZBZW	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3v	[19],21,25v	11,14	[15],16v	10,11,[13]v	NOT TESTED
4sp	9,10	11,12	[13],14,16v	17.3	8,12	[12],13,14v
	[13],[15],17v	14,15	29,30	16	X,Y	12
	22,23	Not Reported	Not Reported	[12],29.2,31.2v	7,9	8,10
	[14],16,17v	10	Not Reported	Not Reported	2	
NT27DF	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NU9ANC	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

NV7F67	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NW3G69	GlobalFiler™					
	13,15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NWWTHH	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NWZMQA	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NXQCTW	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NXT4HR	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
NY79EA	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

P3G9QL	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
P3JUM2	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	N/A
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	N/A	N/A	29.2,31.2	7,9	8,10
	16,17	10	N/A	N/A	N/A	
P3KLKA	PowerPlex® F6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
P3L6DJ	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
P4TYZQ	Investigator® 24plex (STRMix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
P4ZCTY	GlobalFiler™					
	15,15.3	[19],21,25	11,14,[15]	16	10,11,[13]	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	[15],17	14,15	29,30	16	X,Y	12
	22,23			[12],29.2,[30.2],31.2	7,9	8,10,[11]
	[14],16,17	10			2	
PC7TD8	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

PCC49K	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
PHHYRK	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
PJT4K2	PowerPlex® F6C					
	15,15.3	21,25	11,14	16,16	10,11	N/A
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	N/A	
PK6ZRR	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
PN2MKF	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
PPJJET	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
PPWLMF	Identifiler® Plus					
	-	21,25	-	16	10,11	-
4sp	9,10	11,12	-	-	8,12	13,14
	17	14,15	29,30	-	X,Y	12
	22,23	-	-	-	7,9	8,10
	16,17	-	-	-	-	

TABLE 2

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

Item 4sp - STR Results

PQPH93	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
PTBEHE	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
PUNVT8	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
PX3NLL	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
PZDBHE	GlobalFiler™ (STRmix (Cell Fraction))					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
Q2GJTH	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
Q7HB8F	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

Q9G6TH	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
QC3MC4	Investigator® 24plex QS (STRMix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
QCMPDQ	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
QE8GNE	Identifiler® Plus					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
QF9FUM	GlobalFiler™					
	13,15,15.3	21,25	11,14,15	16	10,11,13	
4sp	9,10	10,11,12,14	14,16	17,17.3	8,12	12,13,14
	15,17	13,14,15	29,30	16	X,Y	12
	19,21,22,23			12,29.2,30.2,31.2	7,9,9.3	8,10,11
	16,17	10			2	
QFHCED	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
QH4TYT	PowerPlex® ESI 16, AmpFISTR®NGM					
	15,15.3	21,25	11,14	16		
4sp		11,12	14,16	17.3		13,14
	17	14,15	29,30	16	X,Y	
	22,23				7,9	
	16,17					

TABLE 2

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

Item 4sp - STR Results

QH9JV4	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
QHR33V	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
QLRFJU	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
QLX7T4	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
QM2FLF	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
QMK9EC	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
QNaNHT	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

QNZVG7	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
QWNP9	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
QZPMDP	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
R3VATE	GlobalFiler™, MiniFiler					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
R48PWK	GlobalFiler™					
	15,15.3	21,15	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
R6EL9V	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	[19],22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
R7BYRH	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					

TABLE 2

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

Item 4sp - STR Results

R93CUE	PowerPlex® Fusion 5C					
	(13),15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12,(14)	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		(6),7,9	8,10
	16,17	10				
R9YDE7	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
RFXWVP	Investigator® 24plex QS (STRMix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
RK9WAF	Identifiler®, Investigator® 24plex QS					
	15,15.3	21,25	11,14	16,16	10,11	N/A
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	N/A	N/A	29.2,31.2	7,9	8,10
	16,17	10	N/A	N/A	N/A	
RLA3WM	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
RNDVT8	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
RPM84G	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

RTAMYH	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
RTK4WB	Investigator® 24plex (STRMix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
RWTLAR	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
RXP4GM	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
RYYQR7	PowerPlex® 21 (STRmix)					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
T2CWE2	PowerPlex® 6C, GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	2	
T2XCXD	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

T4GH9T	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
T6VLWY	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
TANZTF	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
TCDBGM	PowerPlex® Fusion, GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10				
TDAN9L	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
TL6M2G	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
TLXMKV	PowerPlex® 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9 ^	8,10
	16,17	10	19	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 4sp - STR Results

TMC979	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
TMGJ97	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
TPZFBV	Identifiler® Plus					
	-	21,25	-	16	10,11	-
4sp	9,10	11,12	-	-	8,12	13,14
	17	14,15	29,30	-	X,Y	12
	22,23	-	-	-	7,9	8,10
	16,17	-	-	-	-	
TRDEE7	PowerPlex® 21					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
TUG4P2	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
TUW8Y2	GlobalFiler™					
	[11],[13],15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	[15],17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
TV4NVC	Identifiler® Plus					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					

TABLE 2

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

Item 4sp - STR Results

TWLR7C	Investigator® 24plex						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
	16,17	10					
TY4TR6	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	[15],16	X,Y	12
		22,23			29.2,31.2	7,9	8,10,[11]
	16,17	10			2		
U29KFC	Identifiler® Plus						
			21,25		16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17	14,15	29,30		X,Y	12
		22,23				7,9	8,10
	16,17						
U6RTMC	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16			
U8DLBZ	PowerPlex® Fusion (STRmix)						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	12,14	7,12		7,9	8,10
	16,17	10					
UAXKKN	Investigator® 24plex QS						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
	16,17	10					
UB6U82	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
	16,17	10			2		

TABLE 2

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

Item 4sp - STR Results

UBEMF4	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
UD4D48	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
UEXZKH	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
UFUM42	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp		11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
UG7BCF	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
ULYRVF	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
UMNC7R	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	-
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	-	-	29.2,31.2	7,9	8,10
	16,17	10	-	-	2	

TABLE 2

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

Item 4sp - STR Results

UR3X7C	PowerPlex® ESIPro17/ESX17					
	15,15.3	21,25	11,14	16		
4sp		11,12	14,16	17.3		13,14
	17	14,15	29,30	16	X,Y	
	22,23			29.2,31.2	7,9	
	16,17					
UTTXAN	NGM					
	15,15.3	21,25	11,14	16		
4sp		11,12	14,16	17.3		13,14
	17	14,15	29,30	16	X,Y	
	22,23				7,9	
	16,17					
UWJL3M	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
UXNXC	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
UYNC93	GlobalFiler™					
	[11],15,15.3	[19],21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
UZGL6K	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
V29FGZ	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

V3JY7H	Investigator® 24plex					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
V3Y9BC	Investigator® 24plex QS					
	15,15.3	21,25	11,14	16,16	10,11	N/A
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	N/A	N/A	29.2,31.2	7,9	8,10
	16,17	10	N/A	N/A	N/A	
V4FDVW	PowerPlex® F6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
V938L3	GlobalFiler™ (STRmix, stutter filters on for reporting)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
V9E4J2	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
VBHUQG	GlobalFiler™					
	11,13,15,15.3	19,21,25	11,12,14,15	16	10,11,13	
4sp	9,10	11,12	13,14,16	17,17.3	8,12	13,14
	13,15,17	14,15	29,30	16	X,Y	12
	19,22,23			12,29.2,30.2,31.2	6,7,9,9.3	8,10
	14,16,17	10			2	
VBY4C3	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

VDGKQV	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
VEG8BL	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
VEV87P	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
VFN6EV	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
VFRKTH	Investigator® 24plex (STRmix)					
	11,14,15,15.3	20,21,24,25	10,11,14	15,16	10,11	
4sp	9,10	10,11,12	13,14,15,16	16.3,17.3	8,11,12	12,13,14
	16,17	13,14,15	28,29,30	15,16,17	X,Y	11,12
	21,22,23			28.2,29.2,30.2,31.2	7,9	8,10
	15,16,17	10				
VGNGFC	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
VGZZY3	GlobalFiler™					
	11,15,15.3	21,25	11,14	16	10,11	
4sp	9,10	10,11,12	14,16	17.3	8,12	13,14
	17	13,14,15	29,30	16	X,Y	12
	22,23			12,29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

VHCZC3	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
VKLXR7	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
VLFQL4	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
VNAFDP	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
VP9EWX	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
VQK9G6	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
VQMGNA	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

VRJRC	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
VX7KTQ	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
W2N9XN	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
W3FZZU	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
W3XARA	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
W4ZK3K	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
W7UE9F	GlobalFiler™ (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

W84GWY	GlobalFiler™ Plus					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
W9Y6DA	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WC7L7R	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	-
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	-	
WC7RGK	GlobalFiler™ (STRMIX)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WF27LQ	Identifiler®					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
WF43K8	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WFU3PQ	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

WJ4BR3	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
WJ4UDY	GlobalFiler™ (STRmix)					
		[11],[13],15,15.3	21,25	11,[12],14,[15]	16	10,11
	4sp	9,10	11,12,[14]	14,16	[17],17.3	8,12 13,14
		[15],17	14,15	29,30	16	X,Y 12
		[19],22,23			[12],29.2,31.2	7,9 8,10,[11]
	[14],16,17	10			2	
WK726Q	Identifiler®					
			21,25		16	10,11
	4sp	9,10	11,12			8,12 13,14
		17	14,15	29,30		X,Y 12
		22,23				7,9 8,10
	16,17					
WKF4L6	GlobalFiler™					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
WM8J22	PowerPlex® Fusion 6C					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23	12,14	7,12	29.2,31.2	7,9 8,10
	16,17	10	19	16		
WQ3EK2	GlobalFiler™ (STRmix)					
		15,15.3	21,25	11,14	16,16	10,11
	4sp	9,10	11,12	14,16	17.3,17.3	8,12 13,14
		17,17	14,15	29,30	16,16	X,Y 12,12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	
WRZ7P2	GlobalFiler™					
		15,15.3	21,25	11,14	16	10,11
	4sp	9,10	11,12	14,16	17.3	8,12 13,14
		17	14,15	29,30	16	X,Y 12
		22,23			29.2,31.2	7,9 8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

WTZ82C	Identifiler® Plus					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
WUZERP	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
WU4KWL	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WUZ2AH	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WX7392	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WXVQGP	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
WZXWCW	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17,[18]	10			2	

TABLE 2

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

Item 4sp - STR Results

X4NDLM	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
X66XWQ	Identifiler® Plus						
			21,25		16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17	14,15	29,30		X,Y	12
		22,23				7,9	8,10
		16,17					
X6F3BA	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
XBLYUA	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
XCTENA	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	-
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	-	-	29.2,31.2	7,9	8,10
		16,17	10	-	-	2	
XCYDHJ	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
XDABTF	Investigator® 24plex (STRmix)						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10				

TABLE 2

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

Item 4sp - STR Results

XDADGY	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
XDWAU7	Identifiler®						
			21,25		16,16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17,17	14,15	29,30		X,Y	12,12
		22,23				7,9	8,10
		16,17					
XH2N8P	PowerPlex® Fusion (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12		7,9	8,10
		16,17	INC				
XJX3YN	Identifiler® Plus						
			21,25		16,16	10,11	
	4sp	9,10	11,12			8,12	13,14
		17,17	14,15	29,30		X,Y	12,12
		22,23				7,9	8,10
		16,17					
XJYB68	PowerPlex® Fusion 6C (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
XKAR4L	Investigator® 24plex (STRMix)						
		14,15,15.3	20,21,25	10,11,14	15,16,17	10,11	
	4sp	9,10	10,11,12	13,14,15,16	16.3,17.3	8,11,12	12,13,14
		16,17	13,14,15	28,29,30	15,16,17	X,Y	11,12
		21,22,23			28.2,29.2,30.2,31.2	7,9	8,10
		14,15,16,17	10				
XLBYUY	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp		11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	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 4sp - STR Results

XP7GKT	Investigator® 24plex QS (STRMix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
XRPPFL	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3v	[19],21,25	11,14	16	10,11,[13]v	
4sp	9,10	[10],11,12,[14]v	14,16	[17],17.3v	8,12	13,14
	[13],[15],17v	[13],14,15v	29,30	16	X,Y	12
	[19],22,23v	Not Reported	Not Reported	[12],29.2,31.2v	7,9,[9.3]v	8,10,[11]
	[14],16,17v	10	Not Reported	Not Reported	2	
XVYQGR	PowerPlex® 16 Fast					
	15,15.3	21,25	11,14	16		
4sp		11,12	14,16	17.3		13,14
	17	14,15	29,30	16	X,Y	
	22,23				7,9	
	16,17					
XWBLUH	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
XWRVP6	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
XXFW78	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
XY78Q9	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					

TABLE 2

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

Item 4sp - STR Results

XY9RMN	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	-
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	-	-	29.2,31.2	7,9	8,10
		16,17	10	-	-	2	
Y2DAPV	Investigator® 24plex QS (STRmix)						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10				
Y2YUKV	PowerPlex® Fusion 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp		11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
Y6GDNT	PowerPlex® Fusion 5C & 6C						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23	12,14	7,12	29.2,31.2	7,9	8,10
		16,17	10	19	16		
Y7UA9H	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	
Y93MT6	GlobalFiler™						
		15,15.3	21,25	11,14	16,16	10,11	NA
	4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
		17,17	14,15	29,30	16,16	X,Y	12,12
		22,23	NA	NA	29.2,31.2	7,9	8,10
		16,17	10	NA	NA	2	
Y9G937	GlobalFiler™						
		15,15.3	21,25	11,14	16	10,11	
	4sp	9,10	11,12	14,16	17.3	8,12	13,14
		17	14,15	29,30	16	X,Y	12
		22,23			29.2,31.2	7,9	8,10
		16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

YAR4R6	Identifiler®					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
YCYFHT	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
YDPUBR	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	NA
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	NA	NA	29.2,31.2	7,9	8,10
	16,17	10	NA	NA	NA	
YF937K	GlobalFiler™					
	[11],[13],15,15.3v	[19],21,25v	11,[12],14,[15]v	[15],16v	10,11,[13]v	
4sp	9,10	[10],11,12,[14]v	14,16	[17],17.3v	8,12	13,14
	[13],[15],17v	14,15	29,30	16	X,Y	[11],12v
	[19],22,23v			[12],29.2,[30.2],31.2v	[6],7,9,[9.3]v	8,10,[11]v
	16,17	10			2	
YK2C4Q	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
YKPFWZ	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
YM9JKX	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	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 4sp - STR Results

YMYJTW	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
YN64GW	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14,15	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
YNBJ8X	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,30.2,31.2	7,9	8,10
	16,17	10			2	
YNNPC9	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
YPDALK	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	[11],[13],15,15.3	[19],21,25	11,[12],14,[15]	[15],16	10,11,[13]v	
4sp	9,10	[10],11,12,[14]v	[13],14,16	[17],17.3v	8,12	(12),13,14
	[13],[15],17v	[13],14,15	29,30	[15],16	X,Y	[11],12
	[19],[21],22,23	NT	NT	[12],29.2,[30.2],31.2v	[6],7,9,[9.3]	8,10,[11]v
	[14],[15],16,17v	10	NT	NT	2	
YPPZ7W	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
YQAHZW	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				

TABLE 2

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

Item 4sp - STR Results

YQHWT6	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
YTF3NW	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				
YVAMXB	Identifiler® Plus					
		21,25		16,16	10,11	
4sp	9,10	11,12			8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23				7,9	8,10
	16,17					
YVLNF3	Identifiler®					
		21,25		16	10,11	
4sp	9,10	11,12			8,12	13,14
	17	14,15	29,30		X,Y	12
	22,23				7,9	8,10
	16,17					
YVP2AQ	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
YXFT9V	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
YZZ2GQ	PowerPlex® Fusion (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17	INC				

TABLE 2

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

Item 4sp - STR Results

Z4KXRR	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
Z4UKVT	PowerPlex® Fusion					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
Z6T2BH	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
Z7M468	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12		7,9	8,10
	16,17	10				
Z8VNMF	PowerPlex® Fusion, GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10				
Z9C3LW	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ZAWLTN	GlobalFiler™					
	15,15.3	21,25	11,[12],14,[15]	[15],16	10,11	
4sp	9,10	[10],11,12,[14]	14,16	17.3	8,12	13,14
	[13],[15],17	14,15	29,30	16	X,Y	12
	[19],22,23			29.2,[30.2],31.2	[6],7,9,[9.3]	8,10,[11]
	[15],16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

ZB2CVX	PowerPlex® 21 (STRMix)					
	15,15.3	21,25		16,16	10,11	11,18
4sp	9,10	11,12		17.3,17.3	8,12	13,14
	17,17	14,15	29,30		X,Y	12,12
	22,23	12,14	7,12		7,9	8,10
	16,17					
ZCWY4V	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ZFT7A6	PowerPlex® Fusion 6C					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16		
ZJTEEF	Investigator® 24plex (STRmix)					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10				
ZK64UL	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ZLFHGZ	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ZTHNW3	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	

TABLE 2

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

Item 4sp - STR Results

ZV3HVN	PowerPlex® Fusion 6C (STRmix)					
	15,15.3	21,25	11,14	16	10,11	-
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,12	29.2,31.2	7,9	8,10
	16,17	10	19	16	-	
ZWKB3D	GlobalFiler™					
	15,15.3	21,25	11,14	16,16	10,11	
4sp	9,10	11,12	14,16	17.3,17.3	8,12	13,14
	17,17	14,15	29,30	16,16	X,Y	12,12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ZWUZVJ	GlobalFiler™					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	13,14
	17	14,15	29,30	16	X,Y	12
	22,23			29.2,31.2	7,9	8,10
	16,17	10			2	
ZXQ97N	PowerPlex® Fusion 5C					
	15,15.3	21,25	11,14	16	10,11	
4sp	9,10	11,12	14,16	17.3	8,12	[12],13,14
	17	14,15	29,30	16	X,Y	12
	22,23	12,14	7,[12]		[6],7,9	8,10
	[14],16,17	10				

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

3RPB32	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
4ZEDTB	Yfiler™								
1		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		
							NR		NR
6GP4V9	Yfiler™								
1									
9BW367	Yfiler™								
1									
9M87G9	F6C								
1							NR		
				NR	NR				
9VENC7	Yfiler™								
1		no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result		no result	no result		
							no result		no result
B9BA29	PowerPlex® Y 23								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
CWC3D3	Yfiler™								
1		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		
							NR		NR
DC48BN	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
DEATYN	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
FWQKAX	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 1 - YSTR Results

GQYZU2	Yfiler™								
1		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
JCG22X	PowerPlex® Y 23								
1	[REDACTED]								
LKUGHY	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
N74J7E	Yfiler™ Plus								
1	--	--	--	-	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--		--	--	--	--		--
QNaNHT	PowerPlex® Y 23								
1		-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
R2CFYR	Yfiler™								
1	[REDACTED]								
TLXMVK	6C								
1							NR		
				NR	NR				
TMGCBK	Yfiler™								
1	[REDACTED]								
TPZFB	Yfiler™								
1	[REDACTED]								
UXNXC	Yfiler™ Plus								
1	[REDACTED]								
W9Y6DA	Yfiler™								
1		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

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

XXFW78	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Y6GDNT	PowerPlex® Y 23								
1		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
		NR	NR	NR	NR		NR	NR	NR
YVLNF3	Yfiler™								
1		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	NA		NA
							NA		NA

TABLE 3

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

Item 2 - YSTR Results

269KXZ	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
2DW4P9	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
2DZHLH	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
2J8RMP	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
2PE936	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
2PZXW9	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
2Q2HRR	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
2WH7YN	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
33YWTV	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
37CC42	Yfiler™								
2	-	16	12,14	14	30	23	11	13	13
	15	12	11	20	-	15	18	-	-
	-	-	-	-	-	-	23	-	12
39Y6Q4	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12

TABLE 3

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

Item 2 - YSTR Results

3BT9V4	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
3DCRVU	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			21
		12	14	18	18	23	10	12	
3EP83G	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
3JM4A2	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
3KTCWL	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
3KV4LG	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
3RPB32	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
3RX9JR	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
3WB9FC	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
3YDMPH	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18			
						23			12
47PCF3	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

4DN4G6	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
4M4R6X	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
4UZ9DX	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
4XXU3E	Yfiler™								
2	NA	16	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
4YKPBF	Yfiler™								
2	NT	16	12,14	14	30	23	11	13	13
	15	12	11	20	NT	15	18	NT	NT
	NT	NT	NT	NT	NT	NT	23	NT	12
4ZEDTB	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
6BG2DK	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
6CCF6K	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
6GP4V9	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
6KAL2D	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
6KJCNG	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12

TABLE 3

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

Item 2 - YSTR Results

6ZJX9R	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
72B83T	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
77JYNC	Yfiler™								
2	NA	16	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
7BY8CB	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
7HE2DY	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
7HHJEJ	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
7KJK8Z	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
7LMNBH	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
7MPWCG	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
7NMQ97	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
7RKLYF	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12

TABLE 3

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

Item 2 - YSTR Results

7YQRYX	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
88RAEN	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
8B3CXK	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
8FKNXZ	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
8FTZ6B	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
8L7JY4	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
8MACJC	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
8Q8FR6	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
8RHK49	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
8UBQ7Y	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
8UCH3L	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

9BW367	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
9JBFDH	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
9M4GCB	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
9M87G9	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
9QX9WM	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
9T7DEG	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
9VENC7	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
9WPEQG	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
A7V8NV	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
A8Q8RF	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
AB27YF	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12

TABLE 3

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

Item 2 - YSTR Results

ABR68F	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
ACD9JT	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
ANVE8H	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
ATTF7W	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
B2XCKG	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
B6TCCX	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
B9BA29	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
BA8VLR	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
BE4K4K	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
BE73CG	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
BKNHUT	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

BMENBJ	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
BRVD3E	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
BUCDU9	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
BUTRXC	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
BXFPPU	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
C3499H	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
C6QV27	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
C9NKWJ	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
CAMGT9	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
CCEUV7	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
CF2JGW	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

CWC3D3	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
CY3AUJ	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
D9RBVE	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
DBBCTL	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
DBHT9E	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
DBQH46	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
DC48BN	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
DD3XPP	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
DDKUAB	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	N/A	18	18	22	23	N/A	12
DE8289	Yfiler™								
2	NA	16	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
DEATYN	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

DEE449	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
DF6AGD	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
DL36MC	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
DLLXKU	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
DRKNQC	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
DRXTX4	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
DUA233	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
E22339	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
E7KP4D	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
E9MWWP	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
E9Z23W	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12

TABLE 3

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

Item 2 - YSTR Results

EAEAMH	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
EKHQQM	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	18	18	22	23		12	
ELBDQC	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
ELRERT	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
EPPV79	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
EQKHE6	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
EXGCH6	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	18	18	22	23		12	
EXPQ7C	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	18	18	22	23		12	
F26LJP	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	18	18	22	23		12	
F9HBNA	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
FCUBUA	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	

TABLE 3

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

Item 2 - YSTR Results

FCWT47	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	23	12		
FL7822	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	23	12		
FNR4AR	Yfiler™ Plus									
	2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
36	12	18	18	22	23	12				
FPQJ9P	Yfiler™ Plus									
	2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
36	12	18	18	22	23	12				
FUEDT4	PowerPlex® Y 23									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
12	14	18	18	23	10	12				
FWQKAX	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	23	12		
FXY3GM	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
36	12	18	18	22	23	12				
FYTALE	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
36	12	18	18	22	23	12				
FZZU69	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	23	12		
G2F9E4	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	23	12		
G69LP7	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	23	12		

TABLE 3

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

Item 2 - YSTR Results

G82LVG	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
GD8669	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
GHMKTE	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
GNB8LY	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
GQYJK6	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
GQYZU2	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
GVELRE	Yfiler™								
2		16		14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
GVPUTG	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
GWKG6L	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
							23		12
GY6JXC	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
H3QJV8	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

H8F886	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
H97KGA	PowerPlex® Y 23								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	21		
HDAMVW	Yfiler™								
	2	NA	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
HKRUUP	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
HPGJZK	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
HRLHAM	Yfiler™								
	2	-	12,14	14	30	23	11	13	13
	15	12	11	20	-	15	18	-	-
HX8PGT	PowerPlex® Y 23								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	21		
HY9YPN	Yfiler™ Plus								
	2	37,37	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
J9NJKZ	Yfiler™ Plus								
	2	37	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
JCG22X	PowerPlex® Y 23								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	21		
JCKBM6	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	

TABLE 3

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

Item 2 - YSTR Results

JD2BY8	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
JG2Q6A	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
JLT6JH	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
JRBHDB	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
JXNP6L	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
JXPH29	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
JYGZ4P	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
K23QJ6	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	NA	18	18	22	23	NA	12
K7GBVK	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
K8P66K	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
KPD328	PowerPlex® Y 23								
2	NT	16	12,14	14	30	23	11	13	13
	15	12	11	20	NT	15	18	NT	21
	NT	12	14	18	18	NT	23	10	12

TABLE 3

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

Item 2 - YSTR Results

KPJRHW	PowerPlex® Y 23									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
	12	14	18	18		23	10	12		
KPVJ7T	PowerPlex® Y 23									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
	12	14	18	18		23	10	12		
L2X9YU	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
	36	12	18	18	22	23	12			
L6NHZ2	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
						23	12			
L6Z8VY	PowerPlex® Y 23									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
	12	14	18	18		23	10	12		
L83PVA	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
	36	12	18	18	22	23	12			
LCCA EZ	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
						23	12			
LDJHEU	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
	36	12	18	18	22	23	12			
LFLP97	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
	36	12	18	18	22	23	12			
LJGVW4	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21	
	36	12	18	18	22	23	12			
LJYXCQ	Yfiler™									
	2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18	21			
						23	12			

TABLE 3

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

Item 2 - YSTR Results

LKUGHY	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
LMY4V4	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
LQ8LJ6	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
LTJ8XY	Yfiler™								
2	NA	16	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
LTK2G6	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
LUGF94	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
LXJBXY	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
M2ZG6D	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
M77V9P	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
MP4846	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
MPJUVD	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

MTF2WV	Yfiler™									
	2	NA	16	12,14	14	30	23	11	13	13
		15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12	
MTX4PP	Yfiler™									
	2		16	12,14	14	30	23	11	13	13
		15	12	11	20		15	18		
							23		12	
MUFFMF	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
MWWKMR	Yfiler™									
	2		16	12,14	14	30	23	11	13	13
		15	12	11	20		15	18		
							23		12	
MYUB96	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
MZ6Q37	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
N2ULYD	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
N3RWUF	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
N74J7E	Yfiler™ Plus									
	2	37,37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
N7Q783	Yfiler™ Plus									
	2	37	16	12,14	14	30	23	11	13	13
		15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12	
N7X6PK	Yfiler™									
	2		16	12,14	14	30	23	11	13	13
		15	12	11	20		15	18		
							23		12	

TABLE 3

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

Item 2 - YSTR Results

NA2XXB	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	21		
		12	14	18	18	23	10	12	
NBT6VT	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
NBWMVC	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	12		
						23		12	
NECZWY	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	12		
						23		12	
NK67J3	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
NMYD76	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	12		
						23		12	
NT27DF	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	12		
						23		12	
NV7F67	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	12		
						23		12	
NWWTHH	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
NXQCTW	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	12		
						23		12	
NXT4HR	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

P3KKA	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
P4TYZQ	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
PJT4K2	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	N/A	18	18	22	23	N/A	12
PK6ZRR	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
PN2MKF	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
PPWLMF	Yfiler™								
2	-	16	12,14	14	30	23	11	13	13
	15	12	11	20	-	15	18	-	-
	-	-	-	-	-	-	23	-	12
PTBEHE	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
PUNVT8	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
PYZTCM	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
PZDBHE	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
Q8EGU2	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

QC3MC4	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
QE8GNE	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
QFHCED	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
QH4TYT	Yfiler™, PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
QH9JV4	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
QHR33V	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
QLRFJU	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
QMK9EC	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
QNaNHT	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	
R2CFYR	Yfiler™								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
						23		12	
R48PWK	PowerPlex® Y 23								
2	16	12,14	14	30	23	11	13	13	
	15	12	11	20	15	18		21	
	12	14	18	18		23	10	12	

TABLE 3

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

Item 2 - YSTR Results

R9YDE7	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
RLA3WM	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
RPM84G	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
T4GH9T	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
TANZTF	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
TCDBGM	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
TLXMVK	6C								
2							11		
				18	18				
TMC979	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
TMGCBK	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		12
TMGJ97	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
TPZFB	Yfiler™								
2	-	16	12,14	14	30	23	11	13	13
	15	12	11	20	-	15	18	-	-
	-	-	-	-	-	-	23	-	12

TABLE 3

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

Item 2 - YSTR Results

TUW8Y2	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
TV4NVC	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
TWLR7C	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
TY4TR6	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
U29KFC	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
U8DLBZ	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
UAXKKN	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
UBBY7C	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
UBEMF4	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		12
							23		
UD4D48	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
UMNC7R	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	-	18	18	22	23	-	12

TABLE 3

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

Item 2 - YSTR Results

UR3X7C	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
UTTXAN	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
UXNXEC	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
V4FDVW	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
V938L3	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
V9E4J2	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
VDGKQV	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
VEV87P	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
VFN6EV	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
VGNGFC	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
VGZZY3	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12

TABLE 3

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

Item 2 - YSTR Results

VP9EWX	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
VQMGNA	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
VRJNBV	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
VZ986N	Yfiler™								
2	NA	16	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
W2HHED	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
W2N9XN	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
W3XARA	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
W9Y6DA	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
WF27LQ	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
WF43K8	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
WJ4UDY	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12

TABLE 3

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

Item 2 - YSTR Results

WK726Q	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
WM8J22	PowerPlex® Y 23								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	21		
WQ3DWH	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
WU4KWL	Yfiler™ Plus								
	2	37	16	12,14	14	30	23	11	13
	15	12	11	20	29	15	18	11	21
WZXWCW	Yfiler™ Plus								
	2	37	16	12,14	14	30	23	11	13
	15	12	11	20	29	15	18	11	21
X66XWQ	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
XCTENA	Yfiler™								
	2	-	16	12,14	14	30	23	11	13
	15	12	11	20	-	15	18	-	-
XCYDHJ	Yfiler™ Plus								
	2	37	16	12,14	14	30	23	11	13
	15	12	11	20	29	15	18	11	21
XDABTF	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	
XDWAU7	Yfiler™ Plus								
	2	37,37	16	12,14	14	30	23	11	13
	15	12	11	20	29	15	18	11	21
XH2N8P	Yfiler™								
	2	16	12,14	14	30	23	11	13	13
	15	12	11	20	15	18	23	12	

TABLE 3

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

Item 2 - YSTR Results

XKAR4L	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
XXFW78	Yfiler™ Plus								
2	37,37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
XXUBJH	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
XY9RMN	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12	-	18	18	22	23	-	12
Y6GDNT	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
Y93MT6	Yfiler™								
2	NA	16	12,14	14	30	23	11	13	13
	15	12	11	20	NA	15	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
Y9G937	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
YGRBPT	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
YK2C4Q	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
YMYJTW	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
YN64GW	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12

TABLE 3

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

Item 2 - YSTR Results

YNBJ8X	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
YQAHZW	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
YQHWT6	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
YTF3NW	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
YVLNF3	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
YVP2AQ	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
YZZ2GQ	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
Z4UKVT	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
Z7M468	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12
Z8VNMF	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
Z9C3LW	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12

TABLE 3

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

Item 2 - YSTR Results

ZJTEEF	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
ZK64UL	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
ZLFHGZ	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
ZTHNW3	Yfiler™ Plus								
2	37	16	12,14	14	30	23	11	13	13
	15	12	11	20	29	15	18	11	21
	36	12		18	18	22	23		12
ZWUZVJ	Yfiler™								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		
							23		12
ZXQ97N	PowerPlex® Y 23								
2		16	12,14	14	30	23	11	13	13
	15	12	11	20		15	18		21
		12	14	18	18		23	10	12

TABLE 3

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

Item 3 - YSTR Results

39Y6Q4	PowerPlex® Y 23								
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
3RPB32	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
8FTZ6B	Yfiler™								
3		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
9M87G9	F6C								
3							NR		
				NR	NR				
9VENC7	Yfiler™								
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
B9BA29	PowerPlex® Y								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
DC48BN	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
DEATYN	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
JCG22X	PowerPlex® Y 23								
3									
LKUGHY	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
M77V9P	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

N74J7E	Yfiler™ Plus								
3	--	--	--	--	---	--	---	--	--
	--	--	---	--	--	--	---	--	--
	---	--		---	--	--	--		--
QNaNHT	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
R2CFYR	Yfiler™								
3									
TLXMVK	6C								
3							NR		
					NR	NR			
UAXKKN	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
W9Y6DA	Yfiler™								
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
XXFW78	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-
YVLNF3	Yfiler™								
3		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	NA		
							NA		NA

TABLE 3

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

Item 4 - YSTR Results

4XXU3E	Yfiler™								
4	NA	14	14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
4ZEDTB	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
6ZJX9R	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
77JYNC	Yfiler™								
4	NA	14	14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
9JBFDH	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
9LAE83	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
BLZEXX	Yfiler™								
4		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
CWC3D3	Yfiler™								
4		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DBHT9E	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DDKUAB	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	N/A	19	16	19	21	N/A	11
DE8289	Yfiler™								
4	NA	14	14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11

TABLE 3

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

Item 4 - YSTR Results

DL36MC	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
EBLN6	PowerPlex® Y 23								
4		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
EXPQ7C	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FCUBUA	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
G82LVG	PowerPlex® Y 23								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
JCG22X	PowerPlex® Y 23								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
JCKBM6	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
LCCA EZ	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
LTJ8XY	Yfiler™								
4	NA	14	14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
MTF2WV	Yfiler™								
4	NA	14	14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
MWWKMR	Yfiler™								
4		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4 - YSTR Results

MZ6Q37	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N7Q783	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
Q8EGU2	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
Q9G6TH	Yfiler™								
4		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
R2CFYR	Yfiler™								
4		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
T4GH9T	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
U8DLBZ	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
UBBY7C	PowerPlex® Y 23								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
VP9EWX	Yfiler™								
4		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
VRJNBV	Yfiler™ Plus								
4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
VZ986N	Yfiler™								
4	NA	14	14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11

TABLE 3

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

Item 4 - YSTR Results

XH2N8P	Yfiler™									
	4	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11		
XXUBJH	Yfiler™									
	4	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11		
YGRBPT	Yfiler™ Plus									
	4	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26	
40	12		19	16	19	21		11		
YQAHZW	Yfiler™									
	4	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11		

TABLE 3

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

Item 4e - YSTR Results

22MEZK	Yfiler™								
4e	[REDACTED]								
269KXZ	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
2DZHLH	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
2J8RMP	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
2PE936	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
2PZXW9	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
2Q2HRR	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
2WH7YN	PowerPlex® Y 23								
4e	[REDACTED]								
33YWTV	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
37CC42	Yfiler™								
4e	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	--	-	-	-	21	-	11
39Y6Q4	PowerPlex® Y 23								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

3BT9V4	Yfiler™								
4e	[REDACTED]								
3DCRVU	PowerPlex® Y 23								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14		26	
	12	12	19	16		21	12	11	
3EP83G	Yfiler™								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14			
						21		11	
3JM4A2	Yfiler™								
4e	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14			
						21		11	
3KTCWL	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
3KV4LG	Yfiler™								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14			
						21		11	
3ML6R6	Yfiler™								
4e	N/A	14	14,14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
3RPB32	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
3RX9JR	Yfiler™								
4e	[REDACTED]								
3WB9FC	Yfiler™								
4e	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14			
						21		11	
3YDMPH	Yfiler™								
4e	[REDACTED]								

TABLE 3

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

Item 4e - YSTR Results

47PCF3	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
4DN4G6	Yfiler™								
4e									
4M4R6X	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
4UZ9DX	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
4YKPBF	Yfiler™								
4e	NT	14	14,14	12	28	23	10	11	13
	16	10	11	19	NT	14	14	NT	NT
	NT	NT	NT	NT	NT	NT	21	NT	11
6BG2DK	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
6CCF6K	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
6KAL2D	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
6KJCNG	PowerPlex® Y 23								
4e									
72B83T	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
7BY8CB	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4e - YSTR Results

7HE2DY	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
7HHJEJ	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
7KJK8Z	PowerPlex® Y 23								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
7LMNBH	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
7MPWCG	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
7NMQ97	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
7RKLYF	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
7YQRYX	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
8B3CXK	PowerPlex® Y 23								
4e									
8FKNXZ	PowerPlex® Y 23								
4e									
8FTZ6B	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4e - YSTR Results

8MACJC	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
8Q8FR6	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
8RHK49	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
8UBQ7Y	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
8UCH3L	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
9M4GCB	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9M87G9	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9QX9WM	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9T7DEG	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
9VENC7	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9WPEQG	Yfiler™ Plus								
4e									

TABLE 3

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

Item 4e - YSTR Results

A7V8NV	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
A8Q8RF	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
AB27YF	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ABR68F	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ACD9JT	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ANVE8H	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
ATTF7W	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
B2XCKG	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
B6TCCX	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
B9BA29	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
BA8VLR	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4e - YSTR Results

BE4K4K	Yfiler™ Plus								
4e	[REDACTED]								
BE73CG	PowerPlex® Y 23								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14		26	
	12	12	19	16		21	12	11	
BKNHUT	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
BMENBJ	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
BRVD3E	Yfiler™								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14			
						21		11	
BUCDU9	Yfiler™								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14			
						21		11	
BUTRXC	PowerPlex® Y 23								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14		26	
	12	12	19	16		21	12	11	
BXFPPU	Yfiler™								
4e	[REDACTED]								
C3499H	Yfiler™								
4e	[REDACTED]								
C6QV27	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
C9NKWJ	PowerPlex® Y 23								
4e	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14		26	
	12	12	19	16		21	12	11	

TABLE 3

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

Item 4e - YSTR Results

CAMGT9									
4e									
	16	10	11	19				11	
							21		11
CCEUV7	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
CF2JGW	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
CY3AUJ	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
D9RBVE	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
DBBCTL	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DBQH46	Yfiler™								
4e									
DC48BN	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DD3XPP	PowerPlex® Y 23								
4e									
DEATYN	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DEE449	Yfiler™								
4e									

TABLE 3

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

Item 4e - YSTR Results

DF6AGD	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DLLXKU	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DRKNQC	PowerPlex® Y 23								
4e		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
DRXTX4	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DUA233	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
E22339	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
E7KP4D	PowerPlex® Y 23								
4e									
E9MWXP	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
EAEAMH	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
EKHQQM	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ELBDQC	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

ELRERT	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
EPPV79	Yfiler™								
4e									
EQKHE6	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
EXGCH6	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
F26LJP	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
F9HBNA	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
FCWT47	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
FL7822	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
FNR4AR	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FPQJ9P	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FUEDT4	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

FXY3GM	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FYTALE	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FZZU69	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
G2F9E4	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
G69LP7	Yfiler™								
4e	[Redacted]								
GD8669	Yfiler™ Plus								
4e	[Redacted]								
GJH8YQ	Yfiler™								
4e	N/A	14	14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
GJMKTE	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
GNB8LY	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16			19		14	14		
							21		11
GQYJK6	Yfiler™								
4e	[Redacted]								
GQYZU2	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4e - YSTR Results

GVELRE	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
GVPUTG	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
GWKG6L	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
GY6JC	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
H3QJV8	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
H8F886	Yfiler™								
4e									
H97KGA	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
HDAMVW	Yfiler™								
4e	NA	14	14,14	12	28	23	10	11	13
	16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
HKRUUP	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
HPGJZK	Yfiler™								
4e									
HRLHAM	Yfiler™								
4e	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11

TABLE 3

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

Item 4e - YSTR Results

HY9YPN Yfiler™ Plus										
4e	36,37	14	14,14	12	28	23	10	11	13	
	16	10	11	19	28	14	14	10	26	
	40	12		19	16	19	21		11	
J9NJKZ Yfiler™ Plus										
4e	36,37	14	14	12	28	23	10	11	13	
	16	10	11	19	28	14	14	10	26	
	40	12		19	16	19	21		11	
JD2BY8 Yfiler™ Plus										
4e										
JG2Q6A PowerPlex® Y 23										
4e		14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		26	
		12	12	19	16		21	12	11	
JLT6JH Yfiler™										
4e		14	14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
JRBHDB										
4e		14	14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
JXNP6L Yfiler™										
4e										
JXPH29 Yfiler™ Plus										
4e	36,37	14	14	12	28	23	10	11	13	
	16	10	11	19	28	14	14	10	26	
	40	12		19	16	19	21		11	
JYGZ4P PowerPlex® Y 23										
4e		14	14,14	12	28	23	10	11	13	
	16	10	11	19		14	14		26	
		12	12	19	16		21	12	11	
K23QJ6 Yfiler™ Plus										
4e	36,37	14	14	12	28	23	10	11	13	
	16	10	11	19	28	14	14	10	26	
	40	12	NA	19	16	19	21	NA	11	
K7GBVK Yfiler™										
4e										

TABLE 3

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

Item 4e - YSTR Results

K8P66K	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
KPD328	PowerPlex® Y 23								
4e	NT	14	14	12	28	23	10	11	13
	16	10	11	19	NT	14	14	NT	26
	NT	12	12	19	16	NT	21	12	11
KPJRHW	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
KPVJ7T	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
L2X9YU	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
L6NHZ2	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
L6Z8VY	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
L7MPBK	Yfiler™								
4e	N/A	14	14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
L83PVA	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
LDJHEU	Yfiler™ Plus								
4e	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
LFLP97	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4e - YSTR Results

LJGVW4	Yfiler™ Plus								
4e	[REDACTED]								

LJYXCQ	Yfiler™								
4e	[REDACTED]								

LKUGHY	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

LMY4V4	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

LQ8LJ6	PowerPlex® Y 23								
4e		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

LTK2G6	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

LUGF94	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

LXJBXY	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

M2ZG6D	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

M77V9P	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

MP4846	PowerPlex® Y Y23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

MPJUVD	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
MTX4PP	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
MUFFMF	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
MYUB96	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N2ULYD	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N3RWUF	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N74J7E	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N7X6PK	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NA2XXB	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
NBT6VT	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
NBWMVC	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4e - YSTR Results

NK67J3	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
NMYD76	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NT27DF	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NV7F67	Yfiler™								
4e									
NWWTHH	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
NXQCTW	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NXT4HR	Yfiler™ Plus								
4e									
P3KLKA	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
P4TYZQ	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PCC49K	Yfiler™								
4e									
PJT4K2	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	N/A	19	16	19	21	N/A	11

TABLE 3

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

Item 4e - YSTR Results

PK6ZRR	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
PN2MKF	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PPWLMF	Yfiler™								
4e	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
PTBEHE	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PUNVT8	Yfiler™								
4e									
PZDBHE	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QC3MC4	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QE8GNE	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QFHCED	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QH4TYT	Yfiler™, PowerPlex® Y 23								
4e									
QH9JV4	Yfiler™								
4e									

TABLE 3

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

Item 4e - YSTR Results

QHR33V	Yfiler™								
4e	[REDACTED]								
QLRFJU	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QMK9EC	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QNaNHT	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
R48PWK	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
R7BYRH	Yfiler™								
4e	[REDACTED]								
R9YDE7	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
RK9WAF	Yfiler™								
4e	N/A	14	14,14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
RLA3WM	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
RPM84G	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
TANZTF	PowerPlex® Y 23								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

TCDBGM	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
TLXMVK	6C								
4e							10		
				19	16				
TMC979	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
TMGJ97	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
TPZFB	Yfiler™								
4e	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
TUW8Y2	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
TV4NVC	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
TWLR7C	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
TY4TR6	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
U29KFC	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
UAXKKN	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4e - YSTR Results

UBEMF4	Yfiler™								
4e	[REDACTED]								
UD4D48	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
UMNC7R	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	-	19	16	19	21	-	11
UR3X7C	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
UXNXC	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
V3Y9BC	Yfiler™								
4e	N/A	14	14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
V4FDVW	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
V938L3	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
V9E4J2	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
VDGKQV	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
VEV87P	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

VFN6EV	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
VGNGFC	Yfiler™								
4e	[REDACTED]								
VGZYZ3	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
VQMGNA	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
W2N9XN	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
W3XARA	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
W9Y6DA	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
WF27LQ	Yfiler™								
4e	[REDACTED]								
WF43K8	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
WJ4UDY	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
WK726Q	Yfiler™								
4e	[REDACTED]								

TABLE 3

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

Item 4e - YSTR Results

WM8J22	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
WQ3DWH	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
WU4KWL	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
WZXWCW	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
X66XWQ	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
XCTENA	Yfiler™								
4e	-	14	14,14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
XCYDHJ	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
XDABTF	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
XDWAU7	Yfiler™ Plus								
4e	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
XJX3YN	Yfiler™								
4e	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
XKAR4L	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4e - YSTR Results

XXFW78	Yfiler™ Plus									
	4e	36,37	14	14,14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11	
XY9RMN	Yfiler™ Plus									
	4e	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12	-	19	16	19	21	-	11	
Y6GDNT	PowerPlex® Y 23									
	4e		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12	11	
Y93MT6	Yfiler™									
	4e	NA	14	14,14	12	28	23	10	11	13
		16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11	
Y9G937	Yfiler™ Plus									
	4e	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11	
YK2C4Q	Yfiler™ Plus									
	4e	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11	
YMYJTW	PowerPlex® Y 23									
	4e		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12	11	
YN64GW	PowerPlex® Y 23									
	4e		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12	11	
YNBJ8X	Yfiler™ Plus									
	4e	36,37		14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11	
YQHWT6	Yfiler™ Plus									
	4e	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11	
YTF3NW	Yfiler™									
	4e		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		
							21		11	

TABLE 3

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

Item 4e - YSTR Results

YVAMXB	Yfiler™								
4e	[REDACTED]								
YVLNF3	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
YVP2AQ	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
YZZ2GQ	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
Z4UKVT	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
Z7M468	PowerPlex® Y 23								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
Z8VNMF	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
Z9C3LW	Yfiler™								
4e		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZJTEEF	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZK64UL	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZLFHGZ	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4e - YSTR Results

ZTHNW3	Yfiler™ Plus								
4e	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ZWUZVJ	Yfiler™								
4e		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZXQ97N	PowerPlex® Y 23								
4e									

TABLE 3

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

Item 4sp - YSTR Results

22MEZK	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
269KXZ	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
2DZHLH	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
2J8RMP	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
2PE936	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
2PZXW9	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
2Q2HRR	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
2WH7YN	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
33YWTV	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
37CC42	Yfiler™								
4sp	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
39Y6Q4	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4sp - YSTR Results

3BT9V4	Yfiler™									
	4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
3DCRVU	PowerPlex® Y 23									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		26	
		12	12	19	16		21	12	11	
3EP83G	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
3JM4A2	Yfiler™									
	4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
3KTCWL	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26	
	40	12		19	16	19	21		11	
3KV4LG	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
3ML6R6	Yfiler™									
	4sp	N/A	14	14,14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	
3RPB32	Yfiler™ Plus									
	4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26	
	40	12		19	16	19	21		11	
3RX9JR	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
3WB9FC	Yfiler™									
	4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	
3YDMPH	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14			
							21		11	

TABLE 3

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

Item 4sp - YSTR Results

47PCF3	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
4DN4G6	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
4M4R6X	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
4UZ9DX	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
4YKPBF	Yfiler™								
4sp	NT	14	14,14	12	28	23	10	11	13
	16	10	11	19	NT	14	14	NT	NT
	NT	NT	NT	NT	NT	NT	21	NT	11
6BG2DK	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
6CCF6K	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
6KAL2D	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
6KJCNG	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
72B83T	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
7BY8CB	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

7HE2DY	Yfiler™								
4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
7HHJEJ	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	26		
	12	12	19	16	21	12	11		
7KJK8Z	PowerPlex® Y 23								
4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	26		
	12	12	19	16	21	12	11		
7LMNBH	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
7MPWCG	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	26		
	12	12	19	16	21	12	11		
7NMQ97	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	26		
	12	12	19	16	21	12	11		
7RKLYF	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
7YQRYX	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	19	16	19	21	11		
88RAEN	Yfiler™								
4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
8B3CXK	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	26		
	12	12	19	16	21	12	11		
8FKNXZ	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	26		
	12	12	19	16	21	12	11		

TABLE 3

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

Item 4sp - YSTR Results

8FTZ6B	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
8MACJC	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
8Q8FR6	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
8RHK49	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
8UBQ7Y	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
8UCH3L	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
9M4GCB	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9M87G9	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9QX9WM	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
9T7DEG	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
9VENC7	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

9WPEQG	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
A7V8NV	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
A8Q8RF	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
AB27YF	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ABR68F	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ACD9JT	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ANVE8H	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
ATTF7W	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
B2XCKG	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
B6TCCX	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
B9BA29	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

TABLE 3

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

Item 4sp - YSTR Results

BA8VLR	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
BE4K4K	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
BE73CG	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
BKNHUT	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
BMENBJ	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
BRVD3E	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
BUCDU9	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
BUTRXC	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
BXFPPU	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
C3499H	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
C6QV27	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4sp - YSTR Results

C9NKWJ	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
CAMGT9									
4sp		14	14	12	28	23	10		13
						14	14		
CCEUV7	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
CF2JGW	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
CY3AUJ	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
D9RBVE	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
DBBCTL	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DBQH46	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DC48BN	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DD3XPP	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
DEATYN	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4sp - YSTR Results

DEE449	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DF6AGD	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DLLXKU	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
DRKNQC	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
DRXTX4	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
DUA233	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
E22339	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
E7KP4D	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
E9MWPX	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
EAEAMH	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
EKHQQM	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4sp - YSTR Results

ELBDQC	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
ELRERT	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
EPPV79	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
EQKHE6	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
EXGCH6	Yfiler™ Plus								
4sp									
F26LJP	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
F9HBNA	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
FCWT47	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
FL7822	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
							21		11
FNR4AR	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FPQJ9P	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4sp - YSTR Results

FUEDT4	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
FXY3GM	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FYTALE	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
FZZU69	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
G2F9E4	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
G69LP7	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
GD8669	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
GHJ8YQ	Yfiler™								
4sp	N/A	14	14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
GHMKTE	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
GNB8LY	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
GQYJK6	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

GQYZU2	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
GVELRE	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
GVPUTG	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
GWKG6L	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
GY6JXC	PowerPlex® Y 23									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		26	
	12	12	19	16		21	12	11		
H3QJV8	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26	
	40	12	19	16	19	21		11		
H8F886	Yfiler™									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
H97KGA	PowerPlex® Y 23									
	4sp	14	14	12	28	23	10	11	13	
	16	10	11	19		14	14		26	
	12	12	19	16		21	12	11		
HDAMWW	Yfiler™									
	4sp	NA	14,14	12	28	23	10	11	13	
	16	10	11	19	NA	14	14	NA	NA	
	NA	NA	NA	NA	NA	NA	21	NA	11	
HKRUUP	Yfiler™									
	4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			
HPGJZK	Yfiler™									
	4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19		14	14		11	
							21			

TABLE 3

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

Item 4sp - YSTR Results

HRLHAM	Yfiler™								
4sp	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
HY9YPN	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
J9NJKZ	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
JD2BY8	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
JG2Q6A	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
JLT6JH	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
JRBHDB	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
JXNP6L	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
JXPH29	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
JYGZ4P	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
K23QJ6	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	NA	19	16	19	21	NA	11

TABLE 3

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

Item 4sp - YSTR Results

K7GBVK	Yfiler™									
	4sp		14	14,14	12	28	23	10	11	13
		16	10	11	19		14	14		21
K8P66K	Yfiler™ Plus									
	4sp	36,37	14	14,14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
KPD328	PowerPlex® Y 23									
	4sp	NT	14	14	12	28	23	10	11	13
		16	10	11	19	NT	14	14	NT	26
	NT	12	12	19	16	NT	21	12		11
KPJRHV	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11
KPVJ7T	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11
L2X9YU	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
L6NHZ2	Yfiler™									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		21
L6Z8VY	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11
L7MPBK	Yfiler™									
	4sp	N/A	14	14	12	28	23	10	11	13
		16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A		11
L83PVA	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
LDJHEU	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11

TABLE 3

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

Item 4sp - YSTR Results

LFLP97	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
LJGVW4	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
LJYXCQ	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
LKUGHY	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
LMY4V4	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
LQ8LJ6	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
LTK2G6	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
LUGF94	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
LXJBXY	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
M2ZG6D	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
M77V9P	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

MP4846	PowerPlex® Y Y23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
MPJUVD	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
MTX4PP	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
MUFFMF	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
MYUB96	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N2ULYD	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N3RWUF	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N74J7E	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
N7X6PK	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NA2XXB	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
NBT6VT	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11

TABLE 3

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

Item 4sp - YSTR Results

NBWMVC	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NECZWY	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NK67J3	Yfiler™ Plus								
4sp									
NMYD76	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NT27DF	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NV7F67	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NWWTHH	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
NXQCTW	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
NXT4HR	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
P3KLKA	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
P4TYZQ	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

PCC49K	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PJT4K2	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	N/A	19	16	19	21	N/A	11
PK6ZRR	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
PN2MKF	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PPWLMF	Yfiler™								
4sp	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
PTBEHE	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PUNVT8	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
PZDBHE	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QC3MC4	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QE8GNE	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QFHCED	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

QH4TYT	Yfiler™, PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QH9JV4	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QHR33V	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QLRFJU	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
QMK9EC	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
QNaNHT	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
R48PWK	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
R7BYRH	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
R9YDE7	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
RK9WAF	Yfiler™								
4sp	N/A	14	14,14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
RLA3WM	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

RPM84G	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
TANZTF	PowerPlex® Y 23								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
TCDBGM	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
TLXMVK	6C								
4sp							10		
				19	16				
TMC979	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
TMGJ97	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
TPZFB	Yfiler™								
4sp	-	14	14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
TUW8Y2	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
TV4NVC	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
TWLR7C	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
TY4TR6	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

U29KFC	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
UAXKKN	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
UBEMF4	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
UD4D48	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
UMNC7R	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12	-	19	16	19	21	-	11
UR3X7C	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
UTTXAN									
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
UXNXC	Yfiler™ Plus								
4sp	36,37	14	14,14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
V3Y9BC	Yfiler™								
4sp	N/A	14	14	12	28	23	10	11	13
	16	10	11	19	N/A	14	14	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
V4FDVW	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
V938L3	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

V9E4J2	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
VDGKQV	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
VEV87P	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	12	26
		12	12	19	16				11
VFN6EV	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
VGNGFC	Yfiler™								
4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
VGZZY3	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
VQMGNA	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
W2N9XN	Yfiler™								
4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
W3XARA	PowerPlex® Y 23								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	12	26
		12	12	19	16				11
W9Y6DA	Yfiler™								
4sp	14	14,14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	
WF27LQ	Yfiler™								
4sp	14	14	12	28	23	10	11	13	
	16	10	11	19	14	14	21	11	

TABLE 3

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

Item 4sp - YSTR Results

WF43K8	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
WJ4UDY	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
WK726Q	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
WM8J22	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
WQ3DWH	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
WU4KWL	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
WZXWCW	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
X66XWQ	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
XCTENA	Yfiler™								
4sp	-	14	14,14	12	28	23	10	11	13
	16	10	11	19	-	14	14	-	-
	-	-	-	-	-	-	21	-	11
XCYDHJ	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
XDABTF	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

XDWAU7	Yfiler™ Plus									
	4sp	36,37	14	14,14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
XJX3YN	Yfiler™									
	4sp		14	14,14	12	28	23	10	11	13
		16	10	11	19		14	14		
							21			11
XKAR4L	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11
XXFW78	Yfiler™ Plus									
	4sp	36,37	14	14,14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
XY9RMN	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12	-	19	16	19	21	-		11
Y6GDNT	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11
Y93MT6	Yfiler™									
	4sp	NA	14	14,14	12	28	23	10	11	13
		16	10	11	19	NA	14	14	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA		11
Y9G937	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
YK2C4Q	Yfiler™ Plus									
	4sp	36,37	14	14	12	28	23	10	11	13
		16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21			11
YMYJTW	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11
YN64GW	PowerPlex® Y 23									
	4sp		14	14	12	28	23	10	11	13
		16	10	11	19		14	14		26
		12	12	19	16		21	12		11

TABLE 3

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

Item 4sp - YSTR Results

YNBJ8X	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
YQHWT6	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
YTF3NW	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
YVAMXB	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
YVLNF3	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
YVP2AQ	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
YZZ2GQ	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
Z4UKVT	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
Z7M468	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11
Z8VNMF	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
Z9C3LW	Yfiler™								
4sp		14	14,14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11

TABLE 3

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

Item 4sp - YSTR Results

ZJTEEF	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZK64UL	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZLFHGZ	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ZTHNW3	Yfiler™ Plus								
4sp	36,37	14	14	12	28	23	10	11	13
	16	10	11	19	28	14	14	10	26
	40	12		19	16	19	21		11
ZWUZVJ	Yfiler™								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		
							21		11
ZXQ97N	PowerPlex® Y 23								
4sp		14	14	12	28	23	10	11	13
	16	10	11	19		14	14		26
		12	12	19	16		21	12	11

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D10S2325	UBBY7C	10,14	6,7	10,14			7,8,10,14		
D21S2055	UBBY7C	19.1,36	16.1,25	19.1,36			16.1,19.1,36		
D2S1360	UBBY7C	22,27	20,23	22,27			22,23,27		
D3S1744	UBBY7C	16,17	16,19	16,17			16,17,19		
D4S2366	UBBY7C	10	10,12	10			10,12,14		
D5S2500	UBBY7C	12,16	11,14	12,16			11,12,15,16		
D6S474	UBBY7C	14,16	13,14	14,16			13,14,16		
D7S1517	UBBY7C	21,24	22	21,24			21,23,24		
D8S1132	UBBY7C	19,23	18,21	19,23			19,20,23		
QS1	V3JY7H	Q	Q	Q				Q	Q
QS2	V3JY7H	S	S	S				S	S

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

ITEM 1	16519.0
39Y6Q4	C
82KYV9	C
BE4K4K	C
C2HXW3	C
CNF8F6	C
L8YC2L	C
NB8NLR	C
QH4TYT	C
VZ986N	C
XXUBJH	C
ZZBJLF	C

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16111.0	16189.0	16223.0	16290.0	16319.0	16362.0	16519.0
ITEM 2							
2TZ9T9	T	C	T	T	A	C	
39Y6Q4	T	C	T	T	A	C	C
4XXU3E	T	C	T	T	A	C	
77JYNC	T	C	T	T	A	C	
82KYV9	T	C	T	T	A	C	C
8FTZ6B	T	C	T	T	A	C	
973MRW	T	C	T	T	A	C	
9CVQX9	T	C	T	T	A	C	
9VENC7	T	C	T	T	A	C	
BE4K4K	T	C	T	T	A	C	C
C2HXW3	T	C	T	T	A	C	C
CNF8F6	T	C	T	T	A	C	C
DE8289	T	C	T	T	A	C	
E22339	T	C	T	T	A	C	
EQKHE6	T	C	T	T	A	C	
HPGJZK	T	C	T	T	A	C	
L8YC2L	T	C	T	T	A	C	C
LJYXCQ	T	C	T	T	A	C	
LTJ8XY	T	C	T	T	A	C	
M77V9P	T	C	T	T	A	C	
MTF2WV	T	C	T	T	A	C	
MYNHAQ	T	C	T	T	A	C	
NB8NLR	T	C	T	T	A	C	C
NBT6VT	T	C	T	T	A	C	
QEPBPN	T	C	T	T	A		
QH4TYT	T	C	T	T	A	C	C
R2CFYR	T	C	T	T	A	C	
TDAN9L	T	C	T	T	A	C	
TGH67N	T	C	T	T	A	C	
TTYRFP	T	C	T	T	A	C	
UBBY7C	T	C	T	T	A	C	
UTTXAN	T	C	T	T	A	C	
VZ986N	T	C	T	T	A	C	
WY9H8K	T	C	T	T	A	C	
XXUBJH	T	C	T	T	A	C	C
ZWUZVJ	T	C	T	T	A	C	
ZZBJLF	T	C	T	T	A	C	C

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	165119.0
ITEM 3	
BE4K4K	C
C2HXW3	C
QH4TYT	C
ZZBJLF	C

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	165119.0
ITEM 4	
C2HXW3	C
QH4TYT	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2TZ9T9	16024-16388	16024-16388	16024-16388	
39Y6Q4	15998-16569	16002-16569	16022-16387	16010-16387
4XXU3E	16015-16376	16015-16376	16007-16377	NA
77JYNC	16014-16382	16017-16367	16014-16377	NA
82KYV9	16024-16569	16024-16569	16024-16391	Inconclusive
8FTZ6B	16000-16390	16000-16390	16000-16390	16000-16390
973MRW	16024-16386	16024-16386	16024-16386	
9CVQX9	16024-16391	16024-16389	16024-16391	INCONCLUSIVE
9VENC7	15994-16400	15994-16400	15994-16400	not tested
BE4K4K	16024-16565	16024-16565	16024-16565	
C2HXW3	16024-16569	16024-16569	16024-16569	16024-16569
CNF8F6	16024/16569	16024/16569	16024-16391	Inconclusive
DE8289	16001-16387	16001-16377	16021-16387	NA
E22339	16024-16365	16024-16365	16024-16365	
EQKHE6	15998-16376	16015-16376	15998-16390	
HPGJZK	16024-16365	16024-16365	16024-16365	16024-16365
L8YC2L	16001-16569	16001-16569	15998-16379	15998-16379
LJYXCQ	16014-16376	16014-16376	16014-16377	
LTJ8XY	16001-16387	16021-16379	16004-16382	NA
M77V9P	16014-16390	16015-16376	15998-16390	
MTF2WV	16015-16376	16020-16369	16015-16377	NA
MYNHAQ	15994-16400	15994-16400	15994-16400	mixture-not sequenced
NB8NLR	16024-16569	16024-16569	16024-16391	Inconclusive
NBT6VT	16019-16374	16019-16374	16019-16374	
QEPBPN	16024-16356	16045-16356	16024-16356	16024-16356
QH4TYT	16024-16569	16024-16569	16024-16569	16024-16569
R2CFYR	16000-16390	16000-16390	16000-16390	
TDAN9L	15994-16400	15994-16400	15994-16400	
TGH67N	15998-16400	15998-16400		
TTYRFP	15998-16400	15998-16400		
UBBY7C	16024-16365	16024-16365	16024-16365	16024-16365
UTTXAN	15990-16380	15990-16380	15990-16380	
VZ986N	15998-23	16001-16386	15998-16390	NA
WY9H8K	15998-16400	15998-16400		
XXUBJH	16024-16569	16024-16569	16024-16391	Not tested
ZWUZVJ	16001-16387	16001-16387	16001-16387	
ZZBJLF	16024-16569	16024-16569	16024-16569	Inconclusive

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	263.0	315.1	477.0	515.0	572.0	573.0
ITEM 1						
2TZ9T9	G	C				
39Y6Q4	G	C	C	N		
4XXU3E	G	C				
77JYNC	G	C				
82KYV9	G	C INS	C		N	N
8FTZ6B	G	C				
973MRW	G	C				
9CVQX9	G	C INS				
9VENC7	G	C				
BE4K4K	G	C	C			
C2HXW3	G	C INS	C			
CNF8F6	G	C INS	C			
DE8289	G	C				
E22339	G	C				
EQKHE6	G	C				
HPGJZK	G	C				
L8YC2L	G	C	C			
LJYXCQ	G	C INS				
LTJ8XY	G	C				
M77V9P	G	C				
MTF2WV	G	C				
MYNHAQ	G	C				
NB8NLR	G	C INS	C			
NBT6VT	G	C				
QEPBPN	G	C				
QH4TYT	G	C	C			
R2CFYR	G	C				
TDAN9L	G	C				
TGH67N	G	C				
TTYRFP	G	C				
UBBY7C	G	C				
UTTXAN	G	C				
VZ986N	G	C				
WY9H8K	G	C				
XXUBJH	G	C INS	C			
ZWUZVJ	G	C				
ZZBJLF	G	C INS	C			

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	41.0	64.0	73.0	146.0	153.0	235.0	263.0	309.1	315.1	523.0	524.0
ITEM 2											
2TZ9T9		T	G	C	G	G	G	C	C		
39Y6Q4		T	G	C	G	G	G	C	C	D	D
4XXU3E		T	G	C	G	G	G	C	C		
77JYNC		T	G	C	G	G	G	C	C		
82KYV9		T	G	C	G	G	G	C INS	C INS	-	-
8FTZ6B		T	G	C	G	G	G	C	C		
973MRW		T	G	C	G	G	G	C	C		
9CVQX9	N	T	G	C	G	G	G	C INS	C INS		
9VENC7		T	G	C	G	G	G	C	C		
BE4K4K		T	G	C	G	G	G	C	C	DEL	DEL
C2HXW3		T	G	C	G	G	G	C INS	C INS	DEL	DEL
CNF8F6		T	G	C	G	G	G	C INS	C INS	-	-
DE8289		T	G	C	G	G	G	C	C		
E22339			G	C	G	G	G	C	C		
EQKHE6		T	G	C	G	G	G	C	C		
HPGJZK			G	C	G	G	G	C	C		
I8YC2L		T	G	C	G	G	G	C	C	D	D
LJYXCQ		T	G	C	G	G	G	C INS	C INS		
LTJ8XY		T	G	C	G	G	G	C	C		
M77V9P		T	G	C	G	G	G	C	C		
MTF2WV		T	G	C	G	G	G	C	C		
MYNHAQ		T	G	C	G	G	G	C	C		
NB8NLR		T	G	C	G	G	G	C INS	C INS	A DEL	C DEL
NBT6VT		T	G	C	G	G	G	C	C		
QEPBPN			G	C	G	G	G	C	C		
QH4TYT		T	G	C	G	G	G	C	C	DEL	DEL
R2CFYR		T	G	C	G	G	G	C	C		
TDAN9L		T	G	C	G	G	G	C	C		
TGH67N		T	G	C	G	G	G	C	C		
TTYRFP		T	G	C	G	G	G	C	C		
UBBY7C			G	C	G	G	G	C	C		
UTTXAN		T	G	C	G	G	G	C	C		
VZ986N		T	G	C	G	G	G	C	C		
WY9H8K		T	G	C	G	G	G	C	C		
XXUBJH		T	G	C	G	G	G	C INS	C INS	ADEL	CDEL
ZWUZVJ		T	G	C	G	G	G	C	C		
ZZBJLF		T	G	C	G	G	G	C INS	C INS	DEL	DEL

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	263.0	315.1	477.0
ITEM 3			
2TZ9T9	G	C	
39Y6Q4	G	C	
4XXU3E	G	C	
77JYNC	G	C	
82KYV9	G	C INS	
8FTZ6B	G	C	
973MRW	G	C	
9CVQX9	G	C INS	
9VENC7	G	C	
BE4K4K	G	C	C
C2HXW3	G	C INS	C
CNF8F6	G	C INS	
DE8289	G	C	
E22339	G	C	
EQKHE6	G	C	
HPGJZK	G	C	
I8YC2L	G	C	
LJYXCQ	G	C INS	
LTJ8XY	G	C	
M77V9P	G	C	
MTF2WV	G	C	
MYNHAQ	G	C	
NB8NLR	G	C INS	
NBT6VT	G	C	
QEPBPN	G	C	
QH4TYT	G	C	C
R2CFYR	G	C	
TDAN9L	G	C	
UBBY7C	G	C	
UTTXAN	G	C	
VZ986N	G	C	
XXUBJH	G	C INS	
ZWUZVJ	G	C	
ZZBJLF	G	C INS	C

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	263.0	315.1	477.0
ITEM 4			
39Y6Q4	R	C	
8FTZ6B	R	C	
C2HXW3	G	C INS	C
HPGJZK	R	C	
L8YC2L	G	C	
QEPBPN	G	C	
QH4TYT	R	C	Y
UBBY7C	G	C	

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2TZ9T9	39-368	39-365	39-368	
39Y6Q4	1-530	1-530	37-367	35-369
4XXU3E	64-392	64-387	63-393	NA
77JYNC	63-393	64-392	58-387	NA
82KYV9	1-576	1-575	35-369	Inconclusive
8FTZ6B	50-407	50-407	53-407	50-407
973MRW	50-389	50-389	50-389	
9CVQX9	35-369	39-367	35-369	INCONCLUSIVE
9VENC7	35-409	35-409	35-409	not tested
BE4K4K	1-576	1-576	1-576	
C2HXW3	1-576	1-576	1-576	1-576
CNF8F6	1-576	1-576	35-369	Inconclusive
DE8289	63-393	63-393	63-403	NA
E22339	73-340	73-340	73-340	
EQKHE6	49-393	64-366	49-407	
HPGJZK	73-340	73-340	73-340	73-340
L8YC2L	1-532	1-530	50-361	50-361
LJYXCQ	64-404	64-403	63-393	
LTJ8XY	51-404	64-403	50-404	NA
M77V9P	49-407	64-392	49-407	
MTF2WV	70-404	64-391	64-393	NA
MYNHAQ	35-409	35-409	35-409	mixture-not sequenced
NB8NLR	1-576	1-576	35-464	Inconclusive
NBT6VT	61-385	61-385	61-385	
QEPBPN	73-340	73-340	73-340	73-340
QH4TYT	1-576	1-576	1-576	1-576
R2CFYR	45-420	45-420	45-420	
TDAN9L	35-409	35-409	35-409	
TGH67N	30-407	30-407		
TTYRFP	30-407	30-407		
UBBY7C	73-340	73-340	73-340	73-340
UTTXAN	60-350	60-350	60-350	
VZ986N	50-407	55-403	49-407	NA
WY9H8K	30-407	30-407		
XXUBJH	1-576	1-576	35-369	Not tested
ZWUZVJ	50-404	51-400	50-400	
ZZBJLF	1-576	1-576	1-576	Inconclusive

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
22MEZK	Yes	Yes	No	No	3D9D27	No Interpretations Reported, DNA Analyzed for Database purposes only.			
269KXZ	Yes	Yes	No	No	3DCRVU	Yes	Yes	No	No
296YW6	Yes	Yes	No	No	3EP83G	Yes	Yes	No	No
2CNZ4X	Yes	Yes	No	No	3JM4A2	Yes	Yes	No	No
2DW4P9	No Interpretations Reported, DNA Analyzed for Database purposes only.				3KTCWL	Yes	Yes	No	No
2DZHLH	Yes	Yes	No	No	3KV4LG	Yes	Yes	No	No
2J8RMP	Yes	Yes	No	No	3KZ2XH	Yes	Yes	No	No
2NKDQV	Yes	Yes	No	No	3ML6R6	Yes	Yes	No	No
2PE936	Yes	Yes	No	No	3RPB32	Yes	Yes	No	No
2PZXW9	Yes	Yes	No	No	3RX9JR	Yes	Yes	No	No
2Q2HRR	Yes	Yes	No	No	3U3P4G	Yes	Yes	No	No
2TZ9T9	Yes	Yes	No	No	3WB9FC	Yes	Yes	No	No
2UBNZT	Yes	Yes	No	No	3YDMPH	Yes	Yes	No	No
2WH7YN	Yes	Yes	No	No	462UKW	Yes	Yes	No	No
2YMM68	Yes	Yes	No	No	47PCF3	Yes	Yes	No	No
2ZGJJT	Yes	Yes	No	No	4A8MC7	Yes	Yes	No	No
33YWTV	Yes	Yes	No	No	4C7ZNK	Yes	Yes	No	No
37CC42	Yes	Yes	No	No	4DN4G6	Yes	Yes	No	No
38TRV3	Yes	Yes	No	No	4HJL6W	Yes	Yes	No	No
38WE9A	Yes	Yes	No	No	4HM482	Yes	Yes	No	No
39Y6Q4	Yes	Yes	No	No	4JFYRP	Yes	Yes	No	No
3BT9V4	Yes	Yes	No	No	4KFEKU	Yes	Yes	No	No
					4KTAJ8	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
4LWLUH	Yes	Yes	No	No	7HHJEJ	Yes	Yes	No	No
4M4R6X	Yes	Yes	No	No	7KJK8Z	Yes	Yes	No	No
4QL2HP	Yes	Yes	No	No	7LMNBH	Yes	Yes	No	No
4UZ9DX	Yes	Yes	No	No	7MPWCG	Yes	Yes	No	No
4XXU3E	No Interpretations Reported, DNA Analyzed for Database purposes only.				7NCUVE	Yes	Yes	No	No
4YKPBF	Yes	Yes	No	No	7NMQ97	Yes	Yes	No	No
4ZEDTB	Yes	Yes	No	No	7PGVQF	Yes	Yes	No	No
6BG2DK	Yes	Yes	No	No	7PWAZA	Yes	Yes	No	No
6CCF6K	Yes	Yes	No	No	7RKLYF	Yes	Yes	No	No
6GP4V9	No Interpretations Reported, DNA Analyzed for Database purposes only.				7TDLU7	Yes	Yes	No	No
6HHBLY	Yes	Yes	No	No	7WFHFU	Yes	Yes	No	No
6KAL2D	Yes	Yes	No	No	7YQRYX	Yes	Yes	No	No
6KJCNG	Yes	Yes	No	No	7ZF8ZT	Yes	Yes	No	No
6NBM4V	Yes	Yes	No	No	826GB2	Yes	Yes	No	No
6NDBQZ	Yes	Yes	No	No	82KYV9	Yes	Inc	No	Inc
6ZJX9R	Yes	Yes	No	No	832B9Q	Yes	Yes	No	No
72B83T	Yes	Yes	No	No	837GX2	Yes	Yes	No	No
76JU6H	Yes	Yes	No	No	84BH9X	Yes	Yes	No	No
77JYNC	No Interpretations Reported, DNA Analyzed for Database purposes only.				88RAEN	Yes	Yes	No	No
78DM88	Yes	Yes	No	No	8B3CXX	Yes	Yes	No	No
7BHKZT	Yes	Yes	No	No	8DD72P	Yes	Yes	No	No
7BY8CB	Yes	Yes	No	No	8FKNXZ	Yes	Yes	No	No
7CPJX3	Yes	Yes	No	No	8FTZ6B	Yes	Yes	No	No
7HE2DY	Yes	Yes	No	No	8HVZ4M	Yes	Yes	No	No
					8L7JY4	No Interp	No Interp	No Interp	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
8MACJC	Yes	Yes	No	No	9M4GCB	Yes	Yes	No	No
8MC2M9	Yes	Yes	No	No	9M87G9	Yes	Yes	No	No
8Q8FR6	Yes	Yes	No	No	9QGUPD	Yes	Yes	No	No
8QMJFA	Yes	Yes	No	No	9QX9WM	Yes	Yes	No	No
8RHK49	Yes	Yes	No	No	9T7DEG	Yes	Yes	No	No
8UBQ7Y	Yes	Yes	No	No	9UVUL4	Yes	Yes	No	No
8UCH3L	Yes	Yes	No	No	9VENC7	Yes	Yes	No	No
8V4RX9	Yes	Yes	No	No	9WPEQG	Yes	Yes	No	No
922C8C	Yes	Yes	No	No	9WRCCQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
96ZLKY	Yes	Yes	No	No	A46TFK	Yes	Yes	No	No
972Y6R	Yes	Yes	No	No	A4828Z	No Interpretations Reported, DNA Analyzed for Database purposes only.			
973MRW	Yes	No Interp	No	No Interp	A7V8NV	Yes	Yes	No	No
98VRXP	Yes	Yes	No	No	A8Q8RF	Yes	Yes	No	No
9AFVWH	Yes	Yes	No	No	A9JMX3	Yes	Yes	No	No
9BQVUX	Yes	Yes	No	No	AB27YF	Yes	Yes	No	No
9BW367	No Interpretations Reported, DNA Analyzed for Database purposes only.				AB8D93	Yes	Yes	No	No
9BWGT6	Yes	Yes	No	No	ABR68F	Yes	Yes	No	No
9CVQX9	Yes	Yes	No	No	ACD9JT	Yes	Yes	No	No
9EPFDM	Yes	Yes	No	No	ACEE4E	Yes	Yes	No	No
9HP7XL	Yes	Yes	No	No	AFFHV2	Yes	Yes	No	No
9J6LFN	Yes	Yes	No	No	AGJU7C	Yes	Yes	No	No
9JBFDH	Yes	Yes	No	No	AMY36N	Yes	Yes	No	No
9LAE83	Yes	Yes	No	No	ANVE8H	Yes	Yes	No	No
9LGT6G	Yes	Yes	No	No	APNRMZ	Yes	Yes	No	No
9M3NE4	Yes	Yes	No	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ARFW8K	Yes	Yes	No	No	BXC9NA	Yes	Yes	No	No
ATTF7W	Yes	Yes	No	No	BXFPPU	Yes	Yes	No	No
AXZ9WL	Yes	Yes	No	No	BXJ2Z6	Yes	Yes	No	No
AZ4G4Z	Yes	Yes	No	No	C27ZZY	Yes	Yes	No	No
AZW9M8	Yes	Yes	No	No	C2HXW3	Yes	Yes	No	No
B2XCKG	Yes	Yes	No	No	C3499H	Yes	Yes	No	No
B68KE7	Yes	Yes	No	No	C6QV27	Yes	Yes	No	No
B6TCCX	Yes	Yes	No	No	C7PARP	Yes	Yes	No	No
B9BA29	Yes	Yes	No	No	C9NKWJ	Yes	Yes	No	No
B9ZB4J	Yes	Yes	No	No	CAMGT9	Yes	Yes	No	No
BA8VLR	Yes	Yes	No	No	CC6PR8	Yes	Yes	No	No
BCP8BG	Yes	Yes	No	No	CCEUV7	Yes	Yes	No	No
BE4K4K	Yes	Yes	No	No	CCV6CP	Yes	Yes	No	No
BE73CG	Yes	Yes	No	No	CDPVDX	No Interp	No Interp	No Interp	No Interp
BFU7U8	Yes	Yes	No	No	CF2JGW	Yes	Yes	No	No
BKNHUT	Yes	Yes	No	No	CNF8F6	Yes	Inc	No	Inc
BLXNWW	Yes	Yes	No	No	CR4KEZ	Yes	Yes	No	No
BLZEZX	Yes	Yes	No	No	CRPLLH	Yes	Yes	No	No
BM3EQ4	Yes	Yes	No	No	CWC3D3	Yes	Yes	No	No
BMENBJ	Yes	Yes	No	No	CX9GYZ	Yes	Yes	No	No
BNRVBC	Yes	Yes	No	No	CXTBMG	Yes	Yes	No	No
BQTG7H	Yes	Yes	No	No	CY3AUJ	Yes	Yes	No	No
BRVD3E	Yes	Yes	No	No	CYN6WZ	Yes	Yes	No	No
BUCDU9	Yes	Yes	No	No	CZLFJF	Yes	Yes	No	No
BUTRXC	Yes	Yes	No	No	D2QL6F	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
D3KMFR	Yes	Yes	No	No	DRXTX4	Yes	Yes	No	No
D3L6A2	Yes	Yes	No	No	DTU4XD	Yes	Yes	No	No
D9HF89	Yes	Yes	No	No	DUA233	Yes	Yes	No	No
D9NX2Q	Yes	Yes	No	No	DZYA22	Yes	Yes	No	No
D9RBVE	Yes	Yes	No	No	E22339	Yes	Yes	No	No
DBB8FY	Yes	Yes	No	No	E7KP4D	Yes	Yes	No	No
DBBCTL	Yes	Yes	No	No	E9MWWP	Yes	Yes	No	No
DBHT9E	Yes	Yes	No	No	E9Z23W	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DBQH46	Yes	Yes	No	No	EABWTU	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DBZU8A	Yes	Yes	No	No	EAEAMH	Yes	Yes	No	No
DC48BN	Yes	Yes	No	No	EBLNX6	Yes	Yes	No	No
DD3XPP	Yes	Yes	No	No	EFWKJ7	Yes	Yes	No	No
DDKUAB	Yes	Yes	No	No	EGW97G	Yes	Yes	No	No
DE8289	Yes	No Interp	No	No	EKHQQM	Yes	Yes	No	No
DEATYN	Yes	Yes	No	No	ELBDQC	Yes	Yes	No	No
DEE449	Yes	Yes	No	No	ELRERT	Yes	Yes	No	No
DF6AGD	Yes	Yes	No	No	EPPV79	Yes	Yes	No	No
DGUV9E	Yes	Yes	No	No	EQKHE6	Yes	Yes	No	No
DK3AVU	Yes	Yes	No	No	EQNNVK	Yes	Yes	No	No
DL36MC	Yes	Yes	No	No	EXGCH6	Yes	Yes	No	No
DLLXKU	Yes	Yes	No	No	EXPQ7C	Yes	Yes	No	No
DQJDHG	Yes	Yes	No	No	F26LJP	Yes	Yes	No	No
DQUAFG	Yes	Yes	No	No	F2ZMA9	Yes	Yes	No	No
DR664U	Yes	Yes	No	No	F4LEEJ	Yes	Yes	No	No
DRKNQC	Yes	Yes	No	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
F9HBNA	Yes	Yes	No	No	G69LP7	Yes	Yes	No	No
FCETTP	Yes	Yes	No	No	G82LVG	Yes	Yes	No	No
FCUBUA	Yes	Yes	No	No	GD8669	Yes	Yes	No	No
FCWT47	Yes	Yes	No	No	GEFAPJ	Yes	Yes	No	No
FHUG9Y	Yes	Yes	No	No	GFHQF4	Yes	Yes	No	No
FJDHBT	Yes	Yes	No	No	GHJ8YQ	Yes	Yes	No	No
FJGCFY	Yes	Yes	No	No	GHEMTE	Yes	Yes	No	No
FL7822	Yes	Yes	No	No	GJCRBQ	Yes	Yes	No	No
FMHKKA	Yes	Yes	No	No	GMXYPX	Yes	Yes	No	No
FNR2L9	Yes	Yes	No	No	GNB8LY	Yes	Yes	No	No
FNR4AR	Yes	Yes	No	No	GMRPVC	Yes	Yes	No	No
FNZDRY	Yes	Yes	No	No	GP2PYY	Yes	Yes	No	No
FPQJ9P	Yes	Yes	No	No	GQYJK6	Yes	Yes	No	No
FQ2J86	Yes	Yes	No	No	GQYZU2	Yes	Yes	No	No
FUEDT4	Yes	Yes	No	No	GVELRE	Yes	Yes	No	No
FWBFCE	Yes	Yes	No	No	GVPUTG	Yes	Yes	No	No
FWQKAX	No Interpretations Reported, DNA Analyzed for Database purposes only.				GWKG6L	Yes	Yes	No	No
FXY3GM	Yes	Yes	No	No	GXBVDV	Yes	Yes	No	No
FYTALE	Yes	Yes	No	No	GY6JXC	Yes	Yes	No	No
FZBQ8E	Yes	Yes	No	No	H3QJV8	Yes	Yes	No	No
FZZU69	Yes	Yes	No	No	H6RV9Y	Yes	Yes	No	No
G2F9E4	Yes	Yes	No	No	H6XFH3	Yes	Yes	No	No
G3CBA6	Yes	Yes	No	No	H8F886	Yes	Yes	No	No
G3WRQ8	Yes	Yes	No	No	H8YVKT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
G649X4	Yes	Yes	No	No	H97KGA	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
H9AG9E	Yes	Yes	No	No	JDW8WF	Yes	Yes	No	No
HA7R8M	Yes	Yes	No	No	JG2Q6A	Yes	Yes	No	No
HAZYCF	Yes	Yes	No	No	JGY2W7	Yes	Yes	No	No
HBZWVG	Yes	Yes	No	No	JKMVUD	Yes	Yes	No	No
HDAMVW	Yes	Yes	No	No	JKWGE2	Yes	Yes	No	No
HEL76U	Yes	Yes	No	No	JLT6JH	Yes	Yes	No	No
HG7B9X	Yes	Yes	No	No	JMZF6Z	Yes	Yes	No	No
HKRUUP	Yes	Yes	No	No	JRBHDB	Yes	Yes	No	No
HPGJZK	Yes	Yes	No	No	JXNP6L	Yes	Yes	No	No
HQQKU7	Yes	Yes	No	No	JXPH29	Yes	Yes	No	No
HRLHAM	Yes	Yes	No	No	JY4PPB	Yes	Yes	No	No
HT37XE	Yes	Yes	No	No	JYGZ4P	Yes	Yes	No	No
HV33XM	Yes	Yes	No	No	K23QJ6	Yes	Yes	No	No
HX8PGT	No Interpretations Reported, DNA Analyzed for Database purposes only.				K7FVGU	Yes	Yes	No	No
HXRETM	Yes	Yes	No	No	K7GBVK	Yes	Yes	No	No
HY9YPN	Yes	Yes	No	No	K8P66K	Yes	Yes	No	No
HYGWKL	Yes	Yes	No	No	K8R2YV	Yes	Yes	No	No
J3XCXK	Yes	Yes	No	No	K9LG4U	Yes	Yes	No	No
J4ZD7H	Yes	Yes	No	No	KC6PUZ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
J8LAVM	Yes	Yes	No	No	KEWRR2	Yes	Yes	No	No
J979KC	Yes	Yes	No	No	KPD328	Yes	Yes	No	No
J9NJKZ	Yes	Yes	No	No	KPJRHW	Yes	Yes	No	No
JCG22X	Yes	Yes	No	No	KPVJ7T	Yes	Yes	No	No
JCKBM6	Yes	Yes	No	No	KQ7NEB	Yes	Yes	No	No
JD2BY8	Yes	Yes	No	No	KX8QP4	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KZQ73B	Yes	Yes	No	No	LTK2G6	Yes	Yes	No	No
L2X9YU	Yes	Yes	No	No	LUGF94	Yes	Yes	No	No
L6NHZ2	Yes	Yes	No	No	LV727Z	Yes	Yes	No	No
L6Z8VY	Yes	Yes	No	No	LW29C	Yes	Yes	No	No
L792CE	Yes	Yes	No	No	LXJBXY	Yes	Yes	No	No
L7MPBK	Yes	Yes	No	No	LZLCWB	Yes	Yes	No	No
L83PVA	Yes	Yes	No	No	M2UU4K	Yes	Yes	No	No
L8YC2L	Yes	Yes	No	No	M2ZG6D	Yes	Yes	No	No
LAEKJM	Yes	Yes	No	No	M448DE	Yes	Yes	No	No
LCCAEZ	Yes	Yes	No	No	M77V9P	Yes	Yes	No	No
LDAEE3	Yes	Yes	No	No	M7WBUT	Yes	Yes	No	No
LDJHEU	Yes	Yes	No	No	MCG7YC	Yes	Yes	No	No
LDPPW9	Yes	Yes	No	No	MJQ8RL	Yes	Yes	No	No
LFLP97	Yes	Yes	No	No	ML29RR	Yes	Yes	No	No
LHNXEW	No Interp	No Interp	No Interp	No Interp	MP4846	Yes	Yes	No	No
LJGVW4	Yes	Yes	No	No	MPJUVD	Yes	Yes	No	No
LJYXCQ	Yes	Yes	No	No	MR3G77	Yes	Yes	No	No
LKH449	Yes	Yes	No	No	MTF2WV	Yes	No Interp	No	No
LKUGHY	Yes	Yes	No	No	MTX4PP	Yes	Yes	No	No
LLQBEN	Yes	Yes	No	No	MUD39E	Yes	Yes	No	No
LMY4V4	Yes	Yes	No	No	MUFFMF	Yes	Yes	No	No
LP8AEJ	Yes	Yes	No	No	MUFW2M	Yes	Yes	No	No
LQ8LJ6	Yes	Yes	No	No	MWWKMR	Yes	Yes	No	No
LRyh9Y	Yes	Yes	No	No	MYNHAQ	Yes	Yes	No	No
LTJ8XY	Yes	No Interp	No	No	MYUB96	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
MZ6Q37	Yes	Yes	No	No	NWZMQA	Yes	Yes	No	No
N2ULYD	Yes	Yes	No	No	NXQCTW	Yes	Yes	No	No
N3RWUF	Yes	Yes	No	No	NXT4HR	Yes	Yes	No	No
N4YC48	Yes	Yes	No	No	NY79EA	Yes	Yes	No	No
N74J7E	Yes	Yes	No	No	P3G9QL	Yes	Yes	No	No
N7Q783	Yes	Yes	No	No	P3JUM2	Yes	Yes	No	No
N7X6PK	Yes	Yes	No	No	P3KLKA	Yes	Yes	No	No
N8GXWA	Yes	Yes	No	No	P3L6DJ	Yes	Yes	No	No
NA2XXB	Yes	Yes	No	No	P4TYZQ	Yes	Yes	No	No
NB8NLR	Yes	Inc	No	Inc	P4ZCTY	Yes	Yes	No	No
NBT6VT	Yes	Yes	No	No	PC7TD8	Yes	Yes	No	No
NBWMVC	Yes	Yes	No	No	PCC49K	Yes	Yes	No	No
NC28ET	Yes	Yes	No	No	PHHYRK	Yes	Yes	No	No
NDQRRB	No Interpretations Reported, DNA Analyzed for Database purposes only.				PJT4K2	Yes	Yes	No	No
NECZWY	Yes	Yes	No	No	PK6ZRR	Yes	Yes	No	No
NK67J3	Yes	Yes	No	No	PN2MKF	Yes	Yes	No	No
NMVM8A	Yes	Yes	No	No	PPJJET	Yes	Yes	No	No
NMYD76	Yes	Yes	No	No	PPWLMF	Yes	Yes	No	No
NP4XVQ	Yes	Yes	No	No	PQPH93	Yes	Yes	No	No
NRZBZW	Yes	Yes	No	No	PTBEHE	Yes	Yes	No	No
NT27DF	Yes	Yes	No	No	PUNVT8	Yes	Yes	No	No
NU9ANC	Yes	Yes	No	No	PX3NLL	Yes	Yes	No	No
NV7F67	Yes	Yes	No	No	PYZTCM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NW3G69	Yes	Yes	No	No	PZDBHE	Yes	Yes	No	No
NWWTHH	Yes	Yes	No	No	Q2GJTH	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
Q7HB8F	Yes	Yes	No	No	R93CUE	Yes	Yes	No	No
Q8EGU2	Yes	Yes	No	No	R9YDE7	Yes	Yes	No	No
Q9G6TH	Yes	Yes	No	No	RFXVWP	Yes	Yes	No	No
QC3MC4	Yes	Yes	No	No	RK9WAF	Yes	Yes	No	No
QCMPDQ	Yes	Yes	No	No	RLA3WM	Yes	Yes	No	No
QE8GNE	Yes	Yes	No	No	RNDVT8	Yes	Yes	No	No
QEPBPN	No Interpretations Reported, DNA Analyzed for Database purposes only.				RPM84G	Yes	Yes	No	No
QF9FUM	Yes	Yes	No	No	RTAMYH	Yes	Yes	No	No
QFHCED	Yes	Yes	No	No	RTK4WB	Yes	Yes	No	No
QH4TYT	Yes	Yes	No	No	RWTLAR	Yes	Yes	No	No
QH9JV4	Yes	Yes	No	No	RXP4GM	Yes	Yes	No	No
QHR33V	Yes	Yes	No	No	RYVQR7	Yes	Yes	No	No
QLRFJU	Yes	Yes	No	No	T2CWE2	Yes	Yes	No	No
QLX7T4	Yes	Yes	No	No	T2XCXD	Yes	Yes	No	No
QM2FLF	Yes	Yes	No	No	T4GH9T	Yes	Yes	No	No
QMK9EC	Yes	Yes	No	No	T6VLWY	Yes	Yes	No	No
QNaNHT	Yes	Yes	No	No	TAMC3P	No Interp	No Interp	No Interp	No Interp
QNZVG7	Yes	Yes	No	No	TANZTF	Yes	Yes	No	No
QWNJP9	Yes	Yes	No	No	TCDBGM	Yes	Yes	No	No
QZPMDP	Yes	Yes	No	No	TDAN9L	Yes	Yes	No	No
R2CFYR	Yes	Yes	No	No	TGH67N	No Interp	No Interp	No Interp	No Interp
R3VATE	Yes	Yes	No	No	TL6M2G	Yes	Yes	No	No
R48PWK	Yes	Yes	No	No	TLXMVK	Yes	Yes	No	No
R6EL9V	Yes	Yes	No	No	TMC979	Yes	Yes	No	No
R7BYRH	Yes	Yes	No	No	TMGCBK	No Interpretations Reported, DNA Analyzed for Database purposes only.			

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
TMGJ97	Yes	Yes	No	No	UXNXC	Yes	Yes	No	No
TPZFB	Yes	Yes	No	No	UYNC93	Yes	Yes	No	No
TRDEE7	Yes	Yes	No	No	UZGL6K	Yes	Yes	No	No
TTYRFP	No Interp	No Interp	No Interp	No Interp	V29FGZ	Yes	Yes	No	No
TUG4P2	Yes	Yes	No	No	V3JY7H	Yes	Yes	No	No
TUW8Y2	Yes	Yes	No	No	V3Y9BC	Yes	Yes	No	No
TV4NVC	Yes	Yes	No	No	V4FDWW	Yes	Yes	No	No
TWLR7C	Yes	Yes	No	No	V938L3	Yes	Yes	No	No
TY4TR6	Yes	Yes	No	No	V9E4J2	Yes	Yes	No	No
U29KFC	Yes	Yes	No	No	VBHUQG	Yes	Yes	No	No
U6RTMC	Yes	Yes	No	No	VBY4C3	Yes	Yes	No	No
U8DLBZ	Yes	Yes	No	No	VDGKQV	Yes	Yes	No	No
UAXKKN	Yes	Yes	No	No	VEG8BL	Yes	Yes	No	No
UB6U82	Yes	Yes	No	No	VEV87P	Yes	Yes	No	No
UBBY7C	Yes	Yes	No	No	VFN6EV	Yes	Yes	No	No
UBEMF4	Yes	Yes	No	No	VFRKTH	Yes	Yes	No	No
UD4D48	Yes	Yes	No	No	VGNGFC	Yes	Yes	No	No
UEXZKH	Yes	Yes	No	No	VGZZY3	Yes	Yes	No	No
UFUM42	Yes	Yes	No	No	VHCZC3	Yes	Yes	No	No
UG7BCF	Yes	Yes	No	No	VKLXR7	Yes	Yes	No	No
ULYRVF	Yes	Yes	No	No	VLFLQ4	Yes	Yes	No	No
UMNC7R	Yes	Yes	No	No	VNAFDP	Yes	Yes	No	No
UR3X7C	Yes	Yes	No	No	VP9EWX	Yes	Yes	No	No
UTTXAN	Yes	Yes	No	No	VQK9G6	Yes	Yes	No	No
UWJL3M	Yes	Yes	No	No	VQMGNA	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VRJNBV	Yes	Yes	No	No	WQ3DWH	No Interp	No Interp	No Interp	No
VRJRJC	Yes	Yes	No	No	WQ3EK2	Yes	Yes	No	No
VX7KTQ	Yes	Yes	No	No	WRZ7P2	Yes	Yes	No	No
VZ986N	Yes	No Interp	No	No	WT9H6G	Yes	Yes	No	No
W2HHED	No Interpretations Reported, DNA Analyzed for Database purposes only.				WTZ82C	Yes	Yes	No	No
W2N9XN	Yes	Yes	No	No	WU2ERP	Yes	Yes	No	No
W3FZZU	Yes	Yes	No	No	WU4KWL	Yes	Yes	No	No
W3XARA	Yes	Yes	No	No	WUZ2AH	Yes	Yes	No	No
W4ZK3K	Yes	Yes	No	No	WX7392	Yes	Yes	No	No
W7UE9F	Yes	Yes	No	No	WXVQGP	Yes	Yes	No	No
W84GWY	Yes	Yes	No	No	WY9H8K	No Interp	No Interp	No Interp	No Interp
W9Y6DA	Yes	Yes	No	No	WZXWCW	Yes	Yes	No	No
WC7L7R	Yes	Yes	No	No	X4NDLM	Yes	Yes	No	No
WC7RGK	Yes	Yes	No	No	X66XWQ	Yes	Yes	No	No
WCKA6X	No Interpretations Reported, DNA Analyzed for Database purposes only.				X6F3BA	Yes	Yes	No	No
WF27LQ	Yes	Yes	No	No	XBLYUA	Yes	Yes	No	No
WF43K8	Yes	Yes	No	No	XCTENA	Yes	Yes	No	No
WFU3PQ	Yes	Yes	No	No	XCYDHJ	Yes	Yes	No	No
WJ4BR3	Yes	Yes	No	No	XDABTF	Yes	Yes	No	No
WJ4UDY	Yes	Yes	No	No	XDADGY	Yes	Yes	No	No
WK726Q	Yes	Yes	No	No	XDWAU7	No Interp	No Interp	No Interp	No Interp
WKF4L6	Yes	Yes	No	No	XH2N8P	Yes	Yes	No	No
WM478D	No Interpretations Reported, DNA Analyzed for Database purposes only.				XJX3YN	Yes	Yes	No	No
WM8J22	Yes	Yes	No	No	XJYB68	Yes	Yes	No	No
					XKAR4L	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XLBYUY	Yes	Yes	No	No	YM9JKX	Yes	Yes	No	No
XP7GKT	Yes	Yes	No	No	YMU6YA	No Interp	No Interp	No Interp	No Interp
XRPPFL	Yes	Yes	No	No	YMYJTW	Yes	Yes	No	No
XVYQGR	Yes	Yes	No	No	YN64GW	Yes	Yes	No	No
XWBLUH	Yes	Yes	No	No	YNBJ8X	Yes	Yes	No	No
XWRVP6	Yes	Yes	No	No	YNNPC9	Yes	Yes	No	No
XXFW78	Yes	Yes	No	No	YPDALK	Yes	Yes	No	No
XXUBJH	Yes	Yes	No	No	YPPZ7W	Yes	Yes	No	No
XY78Q9	Yes	Yes	No	No	YQAHZW	Yes	Yes	No	No
XY9RMN	Yes	Yes	No	No	YQHWT6	Yes	Yes	No	No
Y2DAPV	Yes	Yes	No	No	YTF3NW	Yes	Yes	No	No
Y2YUKV	Yes	Yes	No	No	YVAMXB	Yes	Yes	No	No
Y39X2Y	No Interpretations Reported, DNA Analyzed for Database purposes only.				YVLNF3	Yes	Yes	No	No
Y6GDNT	Yes	Yes	No	No	YVP2AQ	Yes	Yes	No	No
Y7UA9H	Yes	Yes	No	No	YXFT9V	Yes	Yes	No	No
Y93MT6	Yes	Yes	No	No	YZZ2GQ	Yes	Yes	No	No
Y9G937	Yes	Yes	No	No	Z4KXRR	Yes	Yes	No	No
YAR4R6	No Interp	No Interp	No Interp	No Interp	Z4UKVT	Yes	Yes	No	No
YB6PCE	Yes	Yes	No	No	Z6T2BH	Yes	Yes	No	No
YCYFHT	Yes	Yes	No	No	Z7M468	Yes	No	No	No
YDPUBR	Yes	Yes	No	No	Z8VNMF	Yes	Yes	No	No
YF937K	Yes	Yes	No	No	Z9C3LW	Yes	Yes	No	No
YGRBPT	Yes	Yes	No	No	ZAWLTN	Yes	Yes	No	No
YK2C4Q	Yes	Yes	No	No	ZB2CVX	Yes	Yes	No	No
YKPFWZ	Yes	Yes	No	No	ZCWY4V	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZFT7A6	Yes	Yes	No	No					
ZJTEEF	Yes	Yes	No	No					
ZK64UL	Yes	Yes	No	No					
ZLFHGZ	Yes	Yes	No	No					
ZTHNW3	Yes	Yes	No	No					
ZV3HVN	Yes	Yes	No	No					
ZWKB3D	Yes	Yes	No	No					
ZWUZVJ	Yes	Yes	No	No					
ZXQ97N	Yes	Yes	No	No					
ZZBJLF	Yes	Inc	No	Inc					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 651			
<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	618	608	0	0
No	0	1	618	614
Inc	0	4	0	4
No Interpretation	11	16	11	11
No Response	0	0	0	0

Participants analyzing DNA for database purposes only: 22

Additional Comments

TABLE 8

WebCode	Additional Comments
296YW6	Sample CTS1859-0173-E04a1-EF.1 (Item 4e) was run three times on the genetic analyzer (double loaded at high resolution). In all three runs, the genotype called was 17,18, however; an allele 17.3 was also observed at the D12S391 locus. Because the 17.3 allele was adjacent to the 18 allele, the GMID-X software did not assign an allele call to the 17.3 allele. The D12S391 locus for sample CTS1859-0173-E04a1-EF.1 (Item 4e) is listed as inconclusive.
2NKDQV	Laboratory policy allows for analyst discretion, based on training and experience, in the selection of screening tests being performed.
2PE936	NR= no result. []= minor allele. item 4 sperm fraction: FGA carryover of 19 allele from non-sperm (ns) fraction; 21 allele filtered as stutter.
2Q2HRR	For samples amplified in PowerPlex Fusion 5C, DYS391 is reported as INC per laboratory policy. Any labeled peaks seen in item 4, sperm cell fraction that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
2TZ9T9	Mitochondrial DNA sequence analysis was not conducted on Item 4. The sample is a mixture.
2YMM68	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
2ZGJJT	Laboratory policy allows for analyst discretion based upon training and experience in the selection of screening tests being performed.
33YWTV	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). [From Table 2 - STR Amplification Kit(s) & Results, Item 1: "NR = No Result"]
37CC42	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted DNA IQ kit by Promega on Tecan Freedom EVO 150 and quantified using Quantifiler Human DNA Quantification kit and carried out by Real Time PCR. Amplification was done using AmpFISTR Identifiler Plus Kit. 3. Electrophoresis was carried out using Genetic Analyzer 3500xl. 4. Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer Kit and electrophoresis was carried out using Genetic Analyzer 3130XI. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
38TRV3	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
39Y6Q4	NR - No Results. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis.
3BT9V4	NR = Not Reportable
3JM4A2	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
3KZ2XH	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
3NJB EQ	Male screening was performed on items 3 and 4. Male screening interpretation, robotics, review, and report writing was covered in this proficiency test.

TABLE 8

WebCode	Additional Comments
3RX9JR	Sample 4e: Possible incomplete separation of alleles in locus D12S391. Possible allele in shoulder position of allele 17.3.
3WB9FC	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
4LWLUH	ND = No DNA detected.
4QL2HP	STRmix used. Item 4NS estimated mixture ratio 73:27. Victim is assumed contributor for item 4NS at 73% contribution. Victim is excluded from item 4S
4XXU3E	NR/NE means no results/not expected. [Laboratory] reports mixtures as inconclusive (INC).
4YKPBF	NR=no results. NT=not tested
4ZEDTB	The DYS391 locus results are concordant between Fusion and Yfiler kits for both Item 2 and Item 4. Profile results are concordant between Yfiler and LCN-Y for Items 2 and 4. NR = No Result
6KAL2D	NR = No Results, NT = Not Tested. + Semen and saliva testing performed by Forensic Biologist to help in determining sample processing. [From Table 1 - Serology Screening Results, Item 4: "SH = sperm highlighter"]
6NDBQZ	Item 3 was also tested using SGM+ using LCN conditions and Minifiler. Results concordant with the Identifiler results were obtained from the Minifiler analysis. The DNA profiling results obtained from the SGM+ analysis were also concordant with the Identifiler results.
6ZJX9R	Any alleles that were attributed to PCR/STR artifacts were not reported. DYS391 was reported as INC as per laboratory policy.
77JYNC	NR/NE=No Results/Not Expected.NA=Not Tested. Mixtures Are Reported As INC.
78DM88	#Indicates that the associated fraction was subtracted from the sample.
7BY8CB	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeats) Genetic Loci was carried out using the AmpFISTR Identifiler Plus PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeats) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
7PGVQF	Reporting results with stutter filters on.
7PWAZA	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. MiniFiler results were concordant with Investigator 24Plex results.
7THNPB	Submitting only for serology. Went up to DNA extraction and quantitation for in-house proficiency.
826GB2	NT = not tested. NR = no results. INC = D1 locus ignored for STRmix due to GeneMapper ID-X not calling stutter for 15.3 allele. Probabilistic genotyping (STRmix) used for data analysis with stutter peaks unfiltered. All alleles deemed possible for any contributor to the mixture has been reported. With probabilistic genotyping, stutter alleles are considered as either allelic or stutter during the deconvolution of samples. Sometimes, this results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the result.
82KYV9	Item 4 is being reported as inconclusive because this laboratory does not interpret mixtures.

TABLE 8

WebCode	Additional Comments
84BH9X	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
88RAEN	DYS391 as part of PowerPlex Fusion kit reported as INC as per laboratory policy. Any labeled peaks seen in item 4, sperm cell fraction that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
8FTZ6B	KM performed by DNA analyst, all other screening tests performed by forensic biologist. NR = No results. [From Table 1 - Serology Screening Results, Item 4 : "SH = sperm hyliter"]
8HVZ4M	Items 3 and 4 in the CTS test is designated as Item 3.1 and 4.1, respectively in the associated file. Q and S were appropriately called in all samples tested as well as associated controls. 100% weighting at all loci for Item 3. Neither stutter peaks nor "Q"s are considered in the genotypes listed for Items 4.1 EF and SF, and therefore will not be added to the Item 4 tab. STRmix was used for Items 1 and 2 for reference export only. STRmix was used for Items 3 and 4 deconvolution and/or statistics, when applicable.
8MACJC	NR = no results. DYS391 concordant in F6C and YF. Serological testing performed by Forensic Biology section. KM testing performed by analyst.
8MC2M9	Y-STR and mitochondrial testing are not performed at this laboratory. Reporting results with stutter filters on.
8QMJFA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
8UCH3L	The [14] allele reported at D16S539 for Item 3 is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. Brackets represent minor or weak alleles.
8V4RX9	NR = No Result
922C8C	results reported with stutter filters on
9CVQX9	Items 1-4 were processed with Minifiler and the data is concordant with the reported PowerPlex Fusion results. Item 4 was observed to be a mixture. This laboratory does not interpret mtDNA mixtures. NR= No Result
9EPFDM	Item 4 (sperm fraction) shows carryover from Item 4 (epithelial fraction). Carryover represented with brackets []. Carryover is consistent with female donor. Reporting results with stutter filters on.
9HP7XL	Item 4 epithelial fraction - apparent shouldering at D1S1656 and D12S391 resulting in GMID-X not resolving 1 bp difference. These two loci not used for interpretation with STRmix. The probabilistic genotyping software, STRmix, was used for all DNA interpretation. All potential alleles considered during deconvolution have been reported.
9J6LFN	Reporting with stutter filters on
9JBFDH	Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contains an elevated stutter peak which is being reported to the vendor but which has been modeled as stutter probabilistically during interpretation at the following locus: DNA sample from female victim (Item 2) allele 10 at locus D5S818.

TABLE 8

WebCode	Additional Comments
9M4GCB	Serology results used to determine if differential extraction needed
9M87G9	Sexual assault cases are screened in the Forensic Biology unit prior to being processed in the DNA unit. Sample #3 and #4 were tested and the following results were generated: #3 KM (+), AP (-), Phadebas (-); #4 KM (+), AP (+), Micro (+), PSA (+). The overlapping loci between F6C and Y-File for #2 and #4 were concordant. F6C = Fusion 6C.
9QX9WM	Items 3 and 4 were PSA tested to determine the extraction method. Item 3 tested negative for PSA so it was extracted as a non-differential sample. Item 4 tested positive for PSA so it was extracted as a differential sample. The serology testing is not part of this proficiency test.
9WPEQG	The DNA profile developed with MiniFiler for item 4S is concordant with the GlobalFiler results. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
A9JMX3	The following exhibit was inconclusive for the presence of amylase due to the red color of the supernatant: 3.
AB27YF	Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Per laboratory policy, the DYS391 locus tested in Powerplex fusion will not be interpreted or reported.
AB8D93	Reporting results with stutter filters on
ABR68F	Item 3 was also amplified using Minifiler and concordant results were obtained. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the victim or the semen donor from the sperm fraction.
ACEE4E	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
AMY36N	Reporting with stutter filters on.
AMYZH6	Forensic Biology only
ARFW8K	Laboratory policy allows for analyst discretion, based upon training and experience in the selection of screening tests being performed.
AZ4G4Z	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
BFU7U8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
BLXNWW	A mixture DNA profile was obtained from the blood found on Item 4 and the victim can be read into that mixture DNA profile. A male DNA profile was obtained from the semen found on Item 4, therefore the female victim cannot be included in the DNA profile from the semen.
BM3EQ4	NR = No Results

TABLE 8

WebCode	Additional Comments
BNRVBC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
BQTG7H	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. Male screening interpretation, review, and report writing was covered in this proficiency test. Male screening was performed on items 03 and 04.
BXC9NA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
BXJ2Z6	NR = No Result
C7PARP	For allele calls of items 1 and 3, NR = No Results
CC6PR8	v= locus contains allele(s) below stochastic threshold. [] = minor allele.
CCEUV7	Part 1 [Table 1 - Serology Screening Results]: The AP test conducted on item 3 was inconclusive due to the presence of the reddish-brown staining - a weak positive cannot be ruled out. All serological tests were done by Forensic Biology analyst. NR = No Results.
CCV6CP	NA = Not Applicable (for the results of items 1 and 3 on pages 3 and 5 [Table 2 - STR Amplification Kit(s) & Results] respectively at Y Indel and DYS391)
CDPVDX	Only qualified in screening, DNA lab work, and DNA analysis of known standards. No DNA analysis on questioned stains.
CNF8F6	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
CR4KEZ	reporting results with stutter filters on
CWC3D3	Item 3 was processed in Identifiler Plus and MiniFiler. The results are concordant at the overlapping loci.
D2QL6F	NR=No result
D3L6A2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
D9HF89	NR = No results
D9NX2Q	The analyst is not authorized to perform semen serological testing or differential extractions. The DNA profile obtained from the white shirt stain (Item 4) is a mixture DNA profile including a major male DNA profile. The suspect (Item 2) is excluded as a possible major contributor. The victim (Item 1) is included as a possible minor contributor.
DBB8FY	reporting results with stutter filters on
DBZU8A	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.

TABLE 8

WebCode	Additional Comments
DDKUAB	N/A= not applicable
DE8289	Per [Laboratory] interpretation guidelines, all mixtures are reported as inconclusive; therefore, no interpretation was made between items 1 and 4. INC = inconclusive. NE/NR = not expected/no results. NA = not applicable
DGUVE9	NR = No results at this locus
DK3AVU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotyping weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DLLXKU	NO STR results were obtained for the substrate controls or for the control swab. No Y-STR results were obtained for the substrate controls.
DTU4XD	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
DUA233	Item #3: blood (+), semen (-), saliva (-); Item #4: blood (+), semen (-), saliva (-). Results of testing by forensic biologist, used by DNA analyst to determine whether to perform differential extraction. KM testing on items #3 and #4 also done by DNA analyst. NR = No Results. [From Table 1 - Serology Screening Results, Item 4 : "SH = sperm hyliter"]
DW924E	Male screening robotics, interpretation, review, and report writing were covered in this proficiency test.
E89AGW	Biology Screening Only. Amylase diffusion is a presumptive test used to indicate whether an elevated level of amylase exists. If so, this may indicate the presence of saliva.
EFWKJ7	NR = No Results
EGW97G	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
EQNNVK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
F2ZMA9	^ = below stochastic threshold. NR = no result
FCUBUA	For Powerplex fusion results, DYS391 is reported as INC as per our laboratory policy. Any labeled peaks seen in Item 3 and Item 4, sperm cell fraction that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. A mixture of DNA was obtained on Item 4, epithelial cell fraction. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
FJDHBT	PSA testing and Y-screening was performed on samples to determine if we should take them differential or non differential.
FJGCFY	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
FMHKKA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
FNR2L9	Allele symbols: ^ = allele below stochastic threshold. ** = allele may be attributable to elevated stutter. NR = no results
FNZDRY	NR = no results
FUEDT4	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
FWBFCE	Item 4NS (non-sperm fraction) Estimated mixture ratio 52:48. Assumed contributor:female victim (52%). Exclusion: male victim
FZZU69	DYS391 is reported as INC for all samples tested in Fusion per laboratory policy. A DNA profile was obtained from "questioned stain from Suspect's Shirt" (Item 3). Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
G3WRQ8	Data interpretation proficiency. No screening/serology. E-grams provided to analyst - analyst issued report.
G649X4	NR = No Result
GD8669	MiniFiler was also used to amplify item #3. Concordant results were obtained with GlobalFiler and MiniFiler at all shared loci. The non-sperm fraction of item #4 is a mixture. This could be due to incomplete separation during the differential extraction procedure or from a non-sperm source of DNA. No alleles are present that cannot be attributed to the victim or the male donor to the sperm fraction.
GMXYPX	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
GNB8LY	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. Minifiler results concordant with 24Plex results. For the Y-STR Item 4 shirt epithelial fraction, the maximum amount of 10uL was amplified, however, the sample was still a partial profile.
GP2PYY	This laboratory does not perform Mito or Y-STR testing. Stutter filters are left on for data analysis.
GQYZU2	AP testing on item #3 was inconclusive due to color of swabbing - unable to distinguish a color change. NR = No Result. A qualified Forensic Biologist performed all screening tests on page 2 [Table 1 - Serology Screening Results].
GVELRE	Laboratory policy allows for analyst discretion based upon training and experience in the selection of screening tests being performed.
GVPUTG	Item 4 had elevated stutter @ SE33 for the SP fraction, likely due to a shared stutter allele with an allele present in the EC fraction for the same sample.
GXBVDV	Male Screening sample preparation, laboratory processing, and interpretation were performed by this analyst. STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.

TABLE 8

WebCode	Additional Comments
H3QJV8	Item 3 was also amplified using MiniFiler®. All alleles were concordant with GlobalFiler®. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the unidentified male individual A. No alleles are present that cannot be attributed to either the female victim or unidentified male individual A from the sperm fraction.
H6RV9Y	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
H9AG9E	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributors based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HA7R8M	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HAZYCF	reporting results with stutter filters on
HDAMVW	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
HG7B9X	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HQQKU7	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HRLHAM	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted using Promega DNA IQ kit on Tecan Freedom EVO 150 and quantified using Quantifiler Human DNA Quantification kit and carried out by Real Time PCR. Amplification was done using AmpFISTR Identifiler Plus Kit. 3. Electrophoresis was carried out using Genetic Analyzer 3500xl. 4. Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer Kit and electrophoresis was carried out using Genetic Analyzer 31310xl. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
J8NVQ3	Biology Screening for Blood and Semen only
JCKBM6	As per laboratory reporting protocols, results for DYS391 are reported as INC. Any labeled peaks seen in sample 3 and sample 4, sperm cell fraction that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions and comparisons. A mixture of DNA from sample 4, epithelial fraction was obtained. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
JD2BY8	Minifiler was also used to amplify item 3. Concordant results were obtained for item 3 with Globalfiler and Minifiler. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
JKWGE2	N/A = Not Applicable. NR = No Results. v = locus contains allele(s) below stochastic threshold.
JMZF6Z	NR = no result detected

TABLE 8

WebCode	Additional Comments
JXPH29	The 18 allele reported at vWA for Item 4 (fraction 3- substrate fraction) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
K7FVGU	Note: ^ indicates peak below stochastic threshold in genotyping results as per [Laboratory] policy
K8R2YV	Y-STR and mito not performed in this laboratory. Reporting results with stutter filters on.
K9LG4U	^ indicates peaks below stochastic threshold. # indicates subtraction of corresponding fraction.
KDV9EX	Sample #3SI: AP Inconclusive result due to RB (reddish-brown) color on swabbed sample, unable to discern color change. Serology only. [From Table 1 - Serology Screening Results, Item 4 : "SH = sperm hyliter"]
KQ7NEB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
KZQ73B	Reporting with stutter filters on.
L6Z8VY	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
L8YC2L	Items 1 and 2 were processed for STR database purposes only. Items 3 and 4 were not processed for STR analysis. Items 1,2,3 and 4 were processed for mtDNA analysis. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors.
LCCAEZ	PowerPlex Fusion and Yfiler amplification kits were used to test Item 4 and Item 2, and the results were concordant at the DYS391 locus.
LDAEE3	NR = No Results
LDJHEU	NR = Not Reportable / No Result
LFLP97	Notes: Brackets indicate minor/weak alleles. A 32.2 allele detected at SE33 for Item 4 Fraction 3 (substrate fraction) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
LHNXEW	[Laboratory] calls mixtures inconclusive (INC). NR= No Results. NE= Not Expected
LJGVW4	Concordant results were obtained with item 3 for GlobalFiler and Minifiler. Item 4e was not amped in Yfiler Plus. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
LKUGHY	NR = No Results
LMY4V4	ALS testing performed on Items 3 and 4 was negative for both. This could be due to interference from the dark bloodstain on these items- therefore did not interpret result as "negative" for semen/saliva testing.
LTJ8XY	NR/NE = No Results/Not Expected. Mixtures are reported as INC

TABLE 8

WebCode	Additional Comments
LTK2G6	Epithelial fraction of Item 4 is a mixture of the victim (minor) and an unknown male (major). At D12S391 drop out of allele 18 was observed, possibly due to the high rfu at the major allele 17.3.
LUGF94	My Screening on Item 4 was ALS (Blue light) negative for body fluids, but other tests were positive for semen.
LV727Z	NR = No results
LXJBXY	"The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files."
LZ6ARM	Male screening was performed on items 3 and 4. Male screening interpretation, review and report writing was covered in this proficiency test.
LZLCWB	reporting with stutter filters on
M2UU4K	In the profile for Item 4e the 17 at D18S51 and the 10 at DYS391 reported were present in the PowerPlex 5C amplification only. These are consistent with cross over during the differential separation.
M7WBUT	NR = No result
MCG7YC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MG7HLF	Male Screening (using Plexor HY) was performed on items 3 and 4.
ML29RR	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
MTF2WV	NR/NE stands for No Result/Not Expected. [Laboratory] reports mixtures as INC (Inconclusive)
MTX4PP	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
MUD39E	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. Male Screening (using Plexor HY) was performed on items 3 and 4.
MWWKMR	NR = No Results
MYUB96	Brackets represent minor or weak alleles.
N4YC48	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. Due to the reasonable assumption for the Victim's DNA to be present on her own shirt, the DNA profile obtained from Item 1 was utilized to condition the STRmix interpretation of Item 4.
NB8NLR	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
NC28ET	NR = no result
NECZWY	Powerplex Fusion and Yfiler amplification kits were used to test items 2 and 4, and the results were concordant at DYS391. However, per internal lab policy, DYS391 is reported as INC with the Powerplex Fusion kit. Additional peaks detected in items 3 and 4 and not reported on this form are likely due to PCR/STR artifacts. These peaks will not be reported and will not be used for conclusions or comparisons.

TABLE 8

WebCode	Additional Comments
NK67J3	Minifiler was also used to amplify item 3. Concordant results were obtained for item 3 between Globalfiler and Minifiler. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
NMVM8A	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
NP4XVQ	NR = No result
NPZUBG	DNA analysis was not performed due to the fact that the DNA lab was non-functional.
NRZBZW	NR=No Results. v = locus contains allele(s) below stochastic threshold. []= minor allele.
P3JUM2	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
P3L6DJ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
P4TYZQ	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. MiniFiler results concordant with 24Plex results.
P4ZCTY	B2-4 epithelial fraction: locus D12S391, peak 17.3 has a broad shoulder that may be consistent with a lower-level 18 allele that was not resolved during electrophoresis.
PC7TD8	Reporting with stutter filters on
PK6ZRR	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
PPWLMF	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted using Promega DNA IQ kit on Tecan Freedom EVO 150 and quantified using Quantifiler Human DNA Quantification kit and carried out by Real Time PCR. Amplification was done using AmpFISTR Identifiler Plus Kit. 3. Electrophoresis was carried out using Genetic Analyzer 3500xl. 4. Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer Kit and electrophoresis was carried out using Genetic Analyzer 31310xl. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
PTBEHE	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
Q7HB8F	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
QC3MC4	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. Male screening was performed on items 3 and 4. Male screening robotics, interpretation, review and report writing was covered in this proficiency test.
QCMPDQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QE8GNE	1. Item 3 and Item 4 were extracted using Chelex Extraction. 2. Then it was quantified using Quantifiler Human DNA quantitation Kit and carried out by 7500 Real Time PCR. 3. Electrophoresis process were carried out by genetic Analyser 3500XI for Item 1 to Item 4. 4. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
QEPBPN	These samples were only analyzed for mitochondrial sequencing. Our sequences were compared to the rCRS not Anderson.
QFHCED	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
R6EL9V	NR = No results
R93CUE	N/A = Not applicable. Powerplex Y23 sample processing was conducted on the following items: item 4 (non-sperm and sperm fractions) and item 2. Y STR analysis and interpretation was not conducted
RFXVWP	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
RLA3WM	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds"
RPM84G	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
RTK4WB	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
RWTLAR	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered either allelic or stutter during the deconvolution of samples. This results in true stutter peaks being reported as possible allele(s).
RXP4GM	NR= No Result
T4GH9T	DYS391 is reported as INC in Fusion as per lab policy. A mixture of DNA was obtained from stain from the victim's shirt, epithelial cell fraction. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
T6VLWY	NR = No Result
TAMC3P	[Laboratory] reports mixtures as INC (inconclusive). NR/NE means no results,not expected. NA means not applicable
TGH67N	No interpretation - Only Known reference samples (Item 1 and Item 2) tested.

TABLE 8

WebCode	Additional Comments
TL6M2G	A1-1, A1-2: D12 had poor morphology and low peak height ratios; not reported based on laboratory procedure.
TLXMKV	^ = indicates peaks below the stochastic threshold as per [Laboratory] policy.
TPZFBV	ITEM 1, 2, 3 & 4 WERE EXTRACTED VIA CHELEX EXTRACTION METHOD. ITEM 1, 2, 3 & 4 WERE QUANTIFIED VIA QUANTIFILER HUMAN DNA QUANTIFICATION KIT. ITEM 1, 2, 3 & 4 WERE AMPLIFIED USING AMPIFSTR IDENTIFILER PLUS KIT, ITEM 2 & 4 WERE AMPLIFIED USING AMPFISTR Y-FILER KIT. ELECTROPHORESIS WAS CARRIED OUT USING GENETIC ANALYZER 3130xL. REAGENT BLANK, POSITIVE CONTROL AND NEGATIVE CONTROL WERE CARRIED OUT ALONG WITH THE ANALYSIS AND ALL GAVE THE INTENDED RESULTS
TRDEE7	Note: all interpretations were conducted manually (without the use of probabilistic software).
TTYRFP	No interpretation - Only known reference samples (Item 1 and Item 2) tested.
TV4NVC	Item 1, 2 and 3 were extracted by using organic extraction. Item 4 was extracted by using organic extraction for differential extraction. Extracted DNA samples were amplified using Applied Biosystems AmpFISTR Identifiler Plus (STR) and Y-Filer (STR) kits. Separation and detection of amplified products were performed using Applied Biosystems 3500xL Genetic Analyzer and analysis was carried out by GeneMapper ID-X Software v1.5.
UAXKKN	DNA results tables: NR = no results. Item 4 epithelial fraction: Potential loss of resolution noted at D12S391. The 17.3 allele has a large shoulder that could potentially be an unresolved 18 allele (consistent with the victim). Sample was re-injected but 18 allele remained uncalled.
UBBY7C	1. Conclusion: Item1 = Item3 (blood) = included in Item4 (semen & blood). The same woman with an Autosomal Profile Frequency of 6,4294E-45 and Match Probability of 1/1,556 E44 (based on own databases as well as https://strbase.nist.gov/ & http://allstr.de) 2. Conclusion Item2 - not included in Item3 (blood) or Item4 (semen & blood). The man with an Autosomal Profile Frequency of 6,113E-49, and Match Probability of 1/1,636 E48 as well as Y-haplotype frequency of 1/43344. In the mixture (item 4) apart from woman (item 1) other man is included (different Y-haplotype with frequency of 1/43344) (based on own databases as well as https://strbase.nist.gov/ & http://allstr.de & https://yhrd.org) 3. LR calculation: a) The probability that the woman (item 1,3) is included in the mixture (item 4) is 3,494E19 (Her presence is practically proved) b) The probability that the man (item 2) is included in the mixture (item 4) is 5,298E-32 (His presence is impossible). 4. MtDNA investigation: a) The man (item 2) comes from maternal lane that appears in population as 1 in 660 maternal lines. b) The woman (item 1,3) comes from the maternal lane that appears in population as 1 in 40 maternal lines (the same as the other man included in the mixture (item 4))(based on: https://empop.online/ for America).
UE23CQ	Genotype data was not entered for this proficiency because this analyst is only qualified/authorized to process samples through differential extraction at this time. Additionally, this analyst is qualified to prepare non-differential samples for extraction using an automated workflow. The reference samples were prepared in this manner for this proficiency.
UG7BCF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
UWJL3M	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
V3JY7H	STRmix genotyping probability software was used to determine possible genotype combinations. No stutter filters are used when using this software and it is recognized that some stutter peaks can be recognized as true peaks.

TABLE 8

WebCode	Additional Comments
VEV87P	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
VFRKTH	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
VHCZC3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VP9EWX	DYS391 is reported as INC for all samples tested per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
VRJRJC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VX7KTQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VZ986N	[Laboratory] reports mixtures as inconclusive (INC). NR/NE means no results/not expected. NA means not applicable/not tested.
W3FZZU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
W3XARA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
W7UE9F	reporting w/ stutter filters on
W84GWY	reporting with stutter filters on
WC7L7R	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
WFU3PQ	NR = no results
WQ3DWH	Male screening sample preparation and laboratory processing were performed by another analyst. Interpretation was performed by this analyst. No Y-STR laboratory work was performed by this analyst, only data interpretation was performed.
WQ3EK2	Reporting with stutter filters on.

TABLE 8

WebCode	Additional Comments
WT9H6G	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
WU2ERP	The answers in this CTS report were reported using probabilist genotyping. All alleles deemed possible for any contributor based on the >99% genotyping weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
WXVQGP	NR = No DNA typing results
WY9H8K	No interpretation - Only known reference samples (Item 1 and Item 2) tested.
WZXWCW	The 18 allele reported at vWA for Item 4 F2 is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
X4NDLM	Results reported with stutter filters on.
X938ZD	Biology Screening Only. The amylase diffusion test is a presumptive test for the presence of amylase, an enzyme found in body fluids including saliva.
XCTENA	No STR results for substrate control samples
XDABTF	Male screening sample preparation, laboratory processing, and interpretation were performed by this analyst. STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
XDADGY	reporting with stutter filters on
XH2N8P	PowerPlex Fusion and Yfiler amplification kits were used to test items 2 and 4 and the results were concordant at the DYS391 locus. Any labeled peaks seen in sample 4 sperm cell fraction and epithelial cell fraction that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
XJX3YN	Differential extraction was performed but if no DNA was detected, the amplification was not performed (NA in the DNA result).
XJYB68	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
XKAR4L	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
XLBYUY	Laboratory policy allows for analyst discretion, based upon training and experience in the selection of screening test being performed.

TABLE 8

WebCode	Additional Comments
XP7GKT	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
XRPPFL	NR = no results. v = locus contains allele(s) below stochastic threshold.
XWBLUH	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
XXLQD	Amylase diffusion is a presumptive test for amylase, an enzyme found in biological fluids, including saliva.
XXUBJH	Minifiler was performed on Item 3. All results were concordant at all overlapping loci. LCN Yfiler was performed on Item 4. All results were concordant at all overlapping loci. Fusion and Yfiler were performed on Items 2 and 4. Concordance was observed between DYS391 in the kits for the samples. Due to observed mixture in autosomal data, mitochondrial DNA testing was not performed on Item 4.
Y2DAPV	The probabilistic genotyping software, STRmix, was used for all DNA interpretations.
Y7UA9H	This laboratory does not perform ySTR or mtDNA testing. Reporting STR results with stutter filters on.
Y9G937	The 32.2 allele reported at SE33 for Item 4e is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
YB6PCE	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
YCYFHT	NR = No Result
YDPUBR	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
YF937K	NR = no results. XY = male. XX = female. [] = minor allele. v = locus contains allele(s) below stochastic threshold.
YGRBPT	Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: Q4 at SE33 32.2.
YN64GW	For the sperm fraction of Item 4, the 15 allele at locus D2S441 is very low-level -- it's probably a combination of n+4 stutter and carry-over from non-sperm fraction.
YPDALK	XY = male. XX = female. NT= not being reported. NR= No results. []= minor allele. v = locus contains allele(s) below stochastic threshold.
YQAHZW	As per laboratory protocol DYS391 is deemed INC.
YQHWT6	The 15 allele at D16S539 for Item 4 (fraction 3 - substrate) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.

TABLE 8

WebCode	Additional Comments
YTF3NW	Any labeled peaks seen in sample: questioned stain from victim's shirt, sperm cell fraction (Item 4) that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. A mixture of DNA was obtained from sample: questioned stain from victim's shirt, epithelial cell fraction (Item 4). Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. The laboratory policy is to "INC" all the DYS391 results for any sample run in Powerplex Fusion.
YZZ2GQ	Item 4, epithelial cell fraction - A mixture of DNA was obtained from this sample. Any labeled peak(s) that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. Item 4, sperm cell fraction - Any labeled peak(s) that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. DYS391 INC for Fusion results per laboratory policy.
Z4UKVT	Any labeled peaks seen in sample 3 that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Any labeled peaks seen in sample 4, sperm fraction, that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
Z6T2BH	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
ZCTZQT	Male screening was performed on items 3 and 4. Male screening interpretation, robotics, and report writing were covered in this proficiency test.
ZJTEEF	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. MiniFiler results are concordant with Qiagen 24-plex results.
ZV3HVN	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ZZBJLF	Sample 04A (Item #4) is being reported as inconclusive due to mixtures. This laboratory does not interpret mtDNA mixtures.
ZZCDHR	Male screening interpretation, review and report writing was covered in this proficiency test. Samples were screened for the presence of male DNA and the results were as follows: Item 3 (SF185702_0103) – No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4 (SF185702_0104) – Male DNA was detected on this item utilizing the Plexor HY Quantification kit.

-End of Report-
(Appendix may follow)

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 18-5702: Forensic Biology

DATA MUST BE RECEIVED BY May 21, 2018 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and 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 on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB, ANAB or A2LA.

Scenario:

Police are investigating the sexual assault of a female victim. The victim claims that while out for a jog at night, she was stopped by a group of men and then knocked unconscious. After the victim regained consciousness, she noticed that her pants were around her ankles; she immediately contacted the police. Based on the victim's description, one of the suspects was soon apprehended. Investigators are submitting a stain from a shirt (Item 3) collected from the suspect and a stain from a shirt (Item 4) collected from the victim along with known blood samples from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B2):

- Item 1: Known blood from the female victim
- Item 2: Known blood from the male suspect
- Item 3: Questioned stain from the suspect's shirt (aqua)
- Item 4: Questioned stain from the victim's shirt (white)

Please return all pages of this data sheet.

Page 1 of 10

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 page. 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

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

Item	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 3					
Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 4					
Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Please return all pages of this data sheet.

Part II: DNA ANALYSIS

DNA Analysis Instructions:

Use the instructions below to complete the following DNA Analysis sections of this data sheet.

- * Report alleles in numerical order, separated by a comma.
- * Follow your laboratory policy for reporting homozygotes.
- * Stains with more than one contributor: If a differential extraction is performed, split the box with a horizontal line and report the results of the different fractions above and below the line - indicate which is the sperm fraction (sp) and which is the epithelial fraction (e) (Example A); otherwise, list the alleles in numerical order (Example B).

Example		D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
A	e	10,11	15,16	8	12,13	7	8
	sp	12,13	15,17	8,17	11	14,15	11,13
B		[10],[11],12,13	15,[16],17	8,17	[11],12,13	7,14,15	8,11,13

****Please note Data Sheet Changes****

Reporting of YSTR alleles generated from primarily autosomal STR multiplex systems.

- 1) The YSTR loci commonly generated using STR multiplex systems are now included in the STR section. (DYS391, DYS570, DYS576, Y Indel)
- 2) There is no longer a need to transcribe YSTR results from STR multiplex systems to the YSTR section.

For probabilistic genotyping software, a text field has been added directly below the amplification kit section for each item to capture which software was used.

Additional DNA Results:

Please use the section below to report results only for loci not available on the following pages.

	Item 1	Item 2	Item 3	Item 4
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

Part II (continued): DNA Results for Known Item 1

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____
 PowerPlex® _____ Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

Part II (continued): DNA Results for Known Item 2

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____
 PowerPlex® _____ Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

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

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____

PowerPlex® _____
 Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

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

STR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____

PowerPlex® _____
 Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

YSTR Amplification Kit(s) Used: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

Part II (continued): Mitochondrial Sequencing Results

List the bases sequenced and base position deviations from the standard Anderson sequence for each item.

		Item 1	Item 2	Item 3	Item 4
Hypervariable Region I (HVR I)	Bases Sequenced				
	Deviations				
Hypervariable Region II (HVR II)	Bases Sequenced				
	Deviations				

If additional space is needed, copy this page or attach your own form following this layout

Please return all pages of this data sheet.

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

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

Part IV: ADDITIONAL COMMENTS

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 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.

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by **May 21, 2018** to be included in the report. Emailed data sheets are not accepted.

QUESTION? ONLINE DATA ENTRY: www.cts-portal.com
 TEL: +1-571-434-1925 (8 am - 4:30 pm EST) FAX: +1-571-434-1937
 EMAIL: forensics@cts-interlab.com MAIL: Collaborative Testing Services, Inc.
www.ctsforensics.com P.O. Box 650820
 Sterling, VA 20165-0820 USA

Please return all pages of this data sheet.

Collaborative Testing Services - Forensic Testing Program

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **18-5702: Forensic Biology**

This release page must be completed and received by **May 21, 2018** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

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

Signature and Title _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release	
<u>Return Instructions</u>	
<i>Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.</i>	<i>Questions? Contact us 8 am-4:30 pm EST Telephone: +1-571-434-1925 email: forensics@cts-interlab.com</i>

Please return all pages of this data sheet.