



Forensic Biology Test No. 18-5703 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 373 participants and are compiled into the following tables:

	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>4</u>
<u>Key to Screening Results</u>	<u>5</u>
<u>Table 1: Serology Screening Results</u>	<u>6</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>38</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>291</u>
<u>Table 4: Additional DNA Results</u>	<u>347</u>
<u>Table 5: DNA Interpretations</u>	<u>348</u>
<u>Table 6: Additional Comments</u>	<u>356</u>
<u>Appendix: Data Sheet</u>	<u>365</u>

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

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

Manufacturer's Information

Each sample pack consisted of two known bloodstains on FTA Micro cards (Items 1 & 2), and two questioned stains; one on clean, off-white fabric (Item 3) and one on clean, light-pink 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 and 3 as well as semen from the male donor whose blood was used for Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on April 11, 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	
1	15,16	17,23	12,14	15,16	11,11	*
	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17	NM	NM	NM	NM	
2	15,16	17,20	10,11	14,18	11,12	*
	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18	2	
3	15,16	17,23	12,14	15,16	11,11	*
	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17	NM	NM	NM	NM	
4-Blood	15,16	17,23	12,14	15,16	11,11	*
	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17	NM	NM	NM	NM	
4-Semen	15,16	17,20	10,11	14,18	11,12	*
	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18	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
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	13	18	18	22	24	10	12
4-Semen	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	13	18	18	22	24	10	12

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

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

Summary Comments

The 18-5703 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 3 were created using blood collected from the same female donor. Item 2 was created using blood from a male donor. Item 4 was a mixture containing blood from the female donor used for Items 1 and 3 and semen from the male donor used for Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 373 participants.

Screening Test Results:

Screening results were returned by a total of 360 participants.

For Item 3, all 358 participants that returned results reported "Positive" for blood. All 328 participants that returned results for semen reported "Negative". All 115 participants that returned results for saliva reported "Negative".

For Item 4, all 358 participants that returned results reported "Positive" for blood. There were 340 participants that reported "Positive" for the presence of semen, seven reported "Negative", and three reported "Inconclusive". Although ten ultimately concluded negative or inconclusive for semen, twelve additional participants noted negative results utilizing specific tests. Of these, eight stated that a test for acid phosphatase (AP) returned negative results, however all reported performing a combination of other tests such as PSA and micro, contributing to their final conclusion of "Positive". Four participants remarked that they had inconclusive or very weak results for AP, a few going further to say that the color of the stain made it difficult to determine the results. For the presence of saliva, all 126 participants reported "Negative".

DNA Analysis Results

Of the 359 that returned DNA results, 14 did not report any DNA interpretations. Of these, eight stated that they analyzed samples for database purposes only.

For the Item 3 stain, all 345 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, all 345 included both the victim (Item 1) and the suspect (Item 2) as possible contributors.

There were 27 participants that reported allelic results that differed from the consensus/predistribution results. Of these, 11 reported additional alleles at one or more loci. There were seven participants that were missing alleles at one or more loci while three reported inconsistent loci at one or more loci. Additionally, there were six participants that reported a combination of additional, missing, and/or inconsistent allele calls. Of these 27 participants, it was noted that eight made use of Probabilistic Genotyping software.

In this test, 76 participants reported the use of Probabilistic Genotyping (PG) software. Of these, most participants (65) 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, 36 participants made use of the software across all four items whereas 29 used it only for the questioned items (Items 3 and 4). Finally, 10 participants used it only for Item 4 and one participant made use of it for all items except for Item 3.

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						
	Item	Blood	Semen	Saliva	Other		
22MUH9							
Item 3	Pos	LMG	Neg	AP, PSA	Neg	RSID	
Item 4	Pos	LMG	Pos	AP, PSA, Micro	Neg	RSID	
24QRNU							
Item 3	Pos	KM, Hemdirect	Neg	ALS	Neg	ALS	
Item 4	Pos	KM, Hemdirect	Neg	ALS, AP	Neg	ALS	
27GDCW							
Item 3	Pos	KM	Neg	ALS, AP	NT		
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT		
288623							
Item 3	Pos	KM, ABACard® HemaTrace®	Neg	AP, PSA, y Micro			
Item 4	Pos	KM, ABACard® HemaTrace®	Pos	AP, PSAy Micro			
2AVM8U							
Item 3	Pos	HemaTrace, KM	Neg	AP	NT		
Item 4	Pos	HemaTrace, KM	Pos	AP, PSA, Micro	NT		
2DXLK9							
Item 3	Pos	LMG	Neg	AP, PSA	Neg	RSID Saliva	
Item 4	Pos	LMG	Pos	AP, PSA, Micro	Neg	RSID Saliva	
2G9VGJ							
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	NT		
2JKGH7							
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT		
2LBDEC							
Item 3	Pos	KM					
Item 4	Pos	KM					
2MJJJZ							
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
2NF73J							
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, Micro, PSA	NT		
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro, PSA	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2NVE8Y					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro	NT	
2Q2RV8					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
2QVU8N					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
2QYB89					
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	
2RR8UG					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
2WTWQW					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
2YGYPA					
Item 3	Pos	KM	Neg AP	NT	Human Origin, Pos Power Quant
Item 4	Pos	KM	Pos AP, ABA card, p30, Micro	NT	Human Origin, Pos Power Quant
2YYFX6					
Item 3	Pos	KM, HemaTrace	Neg BCIP	Neg phadebas	
Item 4	Pos	KM, HemaTrace	Pos BCIP, p30, Micro	Neg phadebas	
2YZ3YV					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
322ZWN					
Item 3	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
37BJ7V					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
3CFWWL					
Item 3	Pos	HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3DAKDW					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
3JEBW2					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
3MXEPT					
Item 3	Pos	KM, RSID	Neg ALS	NT	
Item 4	Pos	KM, RSID	Pos ALS, Micro, PSA	NT	
3MYAEQ					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
3NMVE8					
Item 3	Pos	KM, ABA card	NT	NT	
Item 4	Pos	KM, ABA card	Pos AP, PSA	Neg Phadebas	
3PJA3K					
Item 3	Pos	Hemasticks			
Item 4	Pos	Hemasticks	Pos Brentamine		
3ULYWE					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
3VUBEG					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, Pos Plexor HY, HemaTrace
Item 4	Pos	KM, Takayama	Pos AP, Micro, PSA	Neg RSID-Saliva	Human Origin, Pos Plexor HY
3W4CN					
Item 3	Pos	KM	Neg AP, Micro, ALS	Neg RSID	
Item 4	Pos	KM	Pos AP, Micro, ALS	Neg RSID	
3XV9VB					
Item 3	NT		Neg PSA	Neg RSID	Male DNA, Neg Y-screening
Item 4	NT		Pos PSA	Neg RSID	Male DNA, Pos Y-screening
43ZLUK					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
44KEVH					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
44YUXX					
Item 3	Pos	LMG	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos	LMG	Pos AP, PSA, Micro	Neg Amylase	
48JGY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
4BZHXW					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro	NT	
4D7CUB					
Item 3	Pos	HemaTrace	Neg ALS, p30, MicroSCOPIC	NT	
Item 4	Pos	HemaTrace	Pos ALS, p30, MicroSCOPIC	NT	
4DDVZ8					
Item 3	Pos	KM	Neg AP	Neg Phadebas	Human origin, Pos PowerQuant
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	Human origin, Pos PowerQuant
4E3QDM					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg RSID	
4FDR33					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Inc AP	NT	
4HNDAG					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
4LE3WD					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
4N74C3					
Item 3	Pos	Phenolphthalein, HemaTrace	Neg ALS, BCIP, p30, Micro	Neg Phadebas	
Item 4	Pos	Phenolphthalein, HemaTrace	Pos ALS, BCIP, p30, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
4UDACE						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas	
4V32NJ						
Item 3	Pos	O-tol	Neg	AP, (ALS)	NT	
Item 4	Pos	O-tol	Pos	AP, (ALS), Micro	NT	
629XYW						
Item 3	Pos	LMG, HT	Neg	AP	NT	
Item 4	Pos	LMG, HT	Pos	AP, p30, Micro	NT	
66AVKW						
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
69WCAW						
Item 3	Pos	O-tol	Neg	AP	Neg Phadebas	
Item 4	Pos	O-tol	Pos	AP, Micro	Neg Phadebas	
6EHGV7						
Item 3	Pos	KM, HemDirect	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM, HemDirect	Pos	ALS, AP, Micro	NT	
6J9Q64						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
6K3LJZ						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
6KZY3L						
Item 3	Pos	LMG	Neg	AP, Micro, PSA	NT	
Item 4	Pos	LMG	Pos	AP, Micro, PSA	NT	
6NLMVY						
Item 3	Pos	KM	Neg	BCIP	Neg Phadebas	
Item 4	Pos	KM	Pos	BCIP, p30, Micro	Neg Phadebas	
6PEMP4						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT	
6PUVRD						
Item 3	Pos	O-tol, HT	Neg	AP, PSA (p30)	Neg RSID-Saliva	
Item 4	Pos	O-tol, HT	Pos	AP, PSA (p30)	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
6Q6ULL						
Item 3	Pos	LMG, a-HuHb, ALS	Neg	AP, PSA, Micro, ALS	Neg	Amylase
Item 4	Pos	LMG, a-HuHb, ALS	Pos	AP, PSA, Micro, ALS	Neg	Amylase
6Q9H4Z						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
6TEKA6						
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	NT	
6WTK6B						
Item 3	Pos	KM; Hemastix	Neg	AP; PSA		
Item 4	Pos	KM; Hemastix	Pos	AP; PSA; Micro		
73JL7U						
Item 3	Pos	LMG	Neg	AP	NT	
Item 4	Pos	LMG	Pos	AP, Micro	NT	
73YD2R						
Item 3	Pos	O-tol, HemaTrace	Neg	AP, p30, Micro	Neg	RSID Saliva card, Micro
Item 4	Pos	O-tol, HemaTrace	Pos	AP, p30, Micro	Neg	RSID Saliva card, Micro
7CAGHC						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas
7DX9UG						
Item 3	Pos	O-tol	Neg	AP, PSA, Micro, ALS	Neg	Seratec Amylase card
Item 4	Pos	O-tol	Pos	AP, PSA, Micro, ALS	Neg	Seratec Amylase card
7FYCKH						
Item 3	Pos	LMG	Neg	SM		
Item 4	Pos	LMG	Pos	SM		
7GWMFK						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro, ALS	Neg	Saligae
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro, ALS	Neg	Saligae
7HFD3C						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas
7HWYMR						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7QHNZ2					
Item 3	Pos	ABAcad(HemaTrace)	Neg	ABAcad(p30)	NT
Item 4	Pos	ABAcad(HemaTrace)	Pos	ABAcad(p30)	NT
7W92Y4					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro	NT
7ZEXQ6					
Item 3	Pos	KM	Neg	AP	Neg Phadebas Human Origin, Pos Power Quant
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas Human Origin, Pos Power Quant
8FM9V4					
Item 3	Pos	KM	Neg	ALS, FBB, PSA	NT
Item 4	Pos	KM	Pos	ALS, FBB, PSA	NT
8KJXEV					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	Pos	AP, Micro	NT
8KW2T3					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT
8ZMY8Q					
Item 3	Pos	O-tol, HemaTrace	Neg	AP, p30, Micro	Neg RSID
Item 4	Pos	O-tol, HemaTrace	Pos	AP, p30, Micro	Neg RSID
93CX48					
Item 3	Pos	TMB	NT		NT
Item 4	Pos	TMB	Pos	AP, Microscopy	NT
984YRL					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
99YGBB					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
9AVUX3					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
9DEVVV					
Item 3	Pos	LMG, HemaTrace	NT		NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
9E4BXQ						
Item 3	Pos	KM, HemaTrace	Neg	PSA	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos	PSA	Neg	RSID
9GDRCV						
Item 3	Pos	KM	Neg	AP		
Item 4	Pos	KM	Pos	AP, Micro		
9HLJAW						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
9HMYFN						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
9KP7YU						
Item 3	Pos	LMG, HemaTrace	Neg	AP, p30, Sperm Micro	Neg	Amylase, e.cell Micro
Item 4	Pos	LMG, HemaTrace	Pos	AP, p30, Sperm Micro	Neg	Amylase, e.cell Micro
9MWJK3						
Item 3	Pos	KM	Neg	AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT	
9NPMYV						
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT	
9TNUPY						
Item 3	Pos	KM	Neg	BCIP	NT	
Item 4	Pos	KM	Pos	BCIP, p30, Micro	NT	
9XHXAQ						
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT	
9YDAFR						
Item 3	Pos	KM; HemaTrace	Neg	AP	NT	
Item 4	Pos	KM; HemaTrace	Pos	AP, p30, Micro	NT	
A9XZD4						
Item 3	Pos	KM	Neg	Micro: Christmas Tree & Sperm-Hyliter, PSA, AP*	Neg	Phadebas
Item 4	Pos	KM	Pos	Micro: Christmas Tree & Sperm-Hyliter, PSA, AP*	Neg	Phadebas
ABH7HT						
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
ADNKBR					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
AHFN4W					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT
AKZPUC					
Item 3	Pos	O-tol, HemDirect	Neg	AP, Micro, PSA, ALS	Neg Amylase
Item 4	Pos	O-tol, HemDirect	Pos	AP, Micro, PSA, ALS	Neg Amylase
ALK4Q2					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
AT69QH					
Item 3	Pos	KM	Neg	AP, Micro	Neg RSID
Item 4	Pos	KM	Pos	AP, Micro	Neg RSID
AUBXNK					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
AW3RU2					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
AYUQ9Y					
Item 3	Pos	KM	Neg	ALS, AP, Micro	Neg Phadebas
Item 4	Pos	KM	Pos	ALS, AP, Micro	Neg Phadebas
Human DNA detected, Pos Quant Trio					
Human DNA detected, Pos Quant Trio					
B2TJGN					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
B3ZU6R					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
B63XN2					
Item 3	Pos	Hemastix	NT		NT
Item 4	Pos	Hemastix	Pos	AP	NT
B72ZHC					
Item 3	Pos	Hemastix			
Item 4	Pos	Hemastix	Pos	Brentamine, AP	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BD7TYM					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
BPCTMY					
Item 3	Pos	KM, HemaTrace	Neg AP, p30, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg Amylase Radial Diffusion	
BUQG7W					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
BVLMH2					
Item 3	Pos	visual, KM, ABA card HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	visual, KM, ABA card HemaTrace	Pos AP, PSA, DNA	Neg Phadebas	
BWGD43					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BWGHE6					
Item 3	Pos	KM, HemaTrace	Neg AP, p30	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg RSID	
C3FLG9					
Item 3	Pos	LMG, Hexagon OBTI	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	LMG, Hexagon OBTI	Pos AP, PSA, Microscopy	Neg Phadebas	
C6L4MR					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos PSA, Micro	NT	
C739AW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
C7V7BB					
Item 3	Pos	Hemastix			
Item 4	Pos	Hemastix	Pos Brentamine		
C8AFMW					
Item 3	Pos	O-tol, Seratec PMB	Neg AP, Seratec PSA, Micro	Neg Seratec Alpha-Amylase	
Item 4	Pos	O-tol, Seratec PMB	Pos AP, Seratec PSA, Micro	Neg Seratec Alpha-Amylase	
C8TF8E					
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
CBDAEZ					
Item 3	Pos	O-tol	Neg	AP*, Micro (CT), PSA	Neg Phadebas
Item 4	Pos	KM	Pos	AP*, Micro (SH), PSA	Neg Phadebas
CDF9E8					
Item 3	Pos	LMG, HemaTrace	Neg	AP	
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	
CDWBDT					
Item 3	Pos	LMG, HT	Neg	ALS, AP, p30	NT
Item 4	Pos	LMG, HT	Pos	ALS, AP, p30, Micro	NT
CFLQFN					
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
CFRW8K					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
CHDPXT					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
CNDCJ2					
Item 3	Pos	ABAcad HemaTrace	Neg	ABAcad p30, Micro	NT
Item 4	Pos	ABAcad HemaTrace	Pos	ABAcad p30, Micro	NT
CRL7XY					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
CU68WR					
Item 3	Pos	HemaTrace	Neg	AP	Neg RSID Saliva
Item 4	Pos	HemaTrace	Pos	Micro: Positive (but AP: Negative)	Neg RSID Saliva
CU7ACY					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
CUC6CX					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
CVHTEG					
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		
CYUYR3							
Item 3	Pos	HemaTrace	Neg	p30, Micro	NT		
Item 4	Pos	HemaTrace	Pos	p30, Micro	NT		
D264X4							
Item 3	Pos	KM	Neg	AP	Neg	RSID	
Item 4	Pos	KM	Pos	AP, Micro	Neg	RSID	
D26YM2							
Item 3	Pos	Color, PPTH, O-tol	Neg	AP Spot and Microscopy	NT		
Item 4	Pos	Color, PPTH, O-tol	Pos	AP Spot and Microscopy	NT		
D6XZQB							
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg	Phadebas	
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg	Phadebas	
D6ZRMX							
Item 3	Pos		Neg		NT		
Item 4	Pos		Pos		NT		
D6ZTGW							
Item 3	Pos	LMG	Neg	AP, PSA	Neg	RSID-Saliva	
Item 4	Pos	LMG	Pos	AP, PSA, Micro	Neg	RSID-Saliva	
DBDEP3							
Item 3	Pos	KM	Neg	AP, PSA	NT		
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT		
DGDZDW							
Item 3	Pos	KM	Neg	AP	NT		
Item 4	Pos	KM	Pos	AP, PSA, Micro	Neg	RSID	
DGV37Q							
Item 3	Pos	Hemident, HemaTrace	Neg	ABAcad p30, Micro	NT		
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcad p30, Micro	NT		
DH3FER							
Item 3	Pos	HemaTrace	Neg	RSID	Neg	RSID	
Item 4	Pos	HemaTrace	Pos	RSID, Micro	Neg	RSID	
DHL6X8							
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA	NT		
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA	NT		
DJ33K6							
Item 3	Pos	KM, Takayama, HemaTrace	Neg	AP, Micro, p30	Neg	Phadebas, RSID Saliva	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, Takayama	Pos	AP, Micro, p30	Neg	Phadebas, RSID Saliva	Human Origin, Pos Plexor HY

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DJKDWJ					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
DP9ZUA					
Item 3	Pos	KM; HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM; HemaTrace	Pos AP; Micro	NT	
DPDBR2					
Item 3	Pos	Hemident, HemaTrace	Neg ABACard p30, Sperm Hy-liter Express		
Item 4	Pos	Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-liter Express		
DT9AZ6					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP, PSA, Micro	Neg RSID Saliva	Human Origin, Pos Plexor H/Y kit
Item 4	Pos	KM, Takayama	Pos AP, PSA, Micro	Neg RSID Saliva	Human Origin, Pos Plexor H/Y kit
DVYXBQ					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
E3A8UY					
Item 3	Pos	LMG	Neg AP	Neg Phosphatase PAPER	
Item 4	Pos	LMG	Pos AP & Micro	Neg Phadebas PAPER	
E7CFJN					
Item 3	Pos	KM	Neg AP, Micro		
Item 4	Pos	KM	Pos AP, Micro		
EBPPKD					
Item 3	Pos	KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
EC38ZC					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Seratec, Micro	NT	
EFVK9T					
Item 3	Pos	KM	Neg AP	Neg Phadebas screen	
Item 4	Pos	KM	Pos AP; Microscopic	Neg Phadebas screen	
EJZKQK					
Item 3	Pos	KM, HemDirect	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM, HemDirect	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EKCQY2					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
EPA9HM					
Item 3	Pos	O-tol	Neg AP	Neg Phadebas	
Item 4	Pos	O-tol	Pos AP, Micro	Neg Phadebas	
ET67LK					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Seratec, Micro	NT	
EUZHRL					
Item 3	Pos	TMB (Hemastix) & HemaTrace	Neg AP, ALS, PSA, Micro	NT	
Item 4	Pos	TMB (Hemastix) & HemaTrace	Pos AP, ALS, PSA, Micro	NT	
EVTHKQ					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
F8X668					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
FAR8AG					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
FCBUJA					
Item 3	Pos	Kastle Meyer test	Neg Acid-Phosphatase test		
Item 4	Pos	Kastle Meyer test	Pos Acid-Phosphatase test, PSA		
FHGJ6N					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
FRBH6B					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
FTZX3Y					
Item 3	Pos	TMB, KM	Neg AP	NT	
Item 4	Pos	TMB, KM	Pos AP	NT	
FU8FZV					
Item 3	Pos	Hemo-phan, FOB test	Neg Phosphathesmo, PSA	NT	
Item 4	Pos	Hemo-phan, FOB test	Pos Phosphathesmo, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FV4TP9					
Item 3	Pos	Hemastix, HemaTrace	Neg AP		NT
Item 4	Pos	Hemastix, HemaTrace	Pos AP, Micro		NT
FVAWNU					
Item 3	Pos	KM	Neg AP		NT
Item 4	Pos	KM	Pos AP, Micro		NT
FX7TLY					
Item 3	Pos	KM, Hemastix	Neg AP, PSA		NT
Item 4	Pos	KM, Hemastix	Pos AP, PSA, Micro		NT
FXEGFZ					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	RSID
FYML4W					
Item 3	Pos	KM	Neg AP, PSA		NT
Item 4	Pos	KM	Pos AP, PSA, Micro		NT
GANE4Z					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	Phadebas
GBH679					
Item 3	Pos	KM HemaTrace	Neg p30	Neg	RSID
Item 4	Pos	KM HemaTrace	Pos p30 Micro	Neg	RSID
GCPBCM					
Item 3	Pos	KM	Neg ALS, AP		NT
Item 4	Pos	KM	Pos ALS, AP, Micro		NT
GGJTBU					
Item 3	Pos	KM	Neg AP, Micro for Spermatozoa		NT
Item 4	Pos	KM	Inc AP, Micro for Spermatozoa		NT
GR3GP8					
Item 3	Pos	LMG	Neg AP		NT
Item 4	Pos	LMG	Pos AP, Micro		NT
GVJAMM					
Item 3	Pos	KM	Neg AP, Micro		NT
Item 4	Pos	KM	Pos AP, Micro		NT
GXBCKN					
Item 3	Pos	KM	Neg BCIP		NT
Item 4	Pos	KM	Pos BCIP, p30, and Micro		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GZW8RN					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	NT
GZYQ6R					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Pos	AP, Micro	NT
H2TW3X					
Item 3	Pos	Hemident, HemaTrace	Neg	ABAcad p30, Micro	NT
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcad p30, Micro	NT
H72MEW					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, RSID Semen, Micro	NT
HA4NFT					
Item 3	Pos	Hemochromogen			
Item 4	Pos	Hemochromogen	Pos	AP, Micro	
HAVAQQ					
Item 3	Pos	O-tol, Seratec Human Hb	Neg	AP, Seratec PSA, Micro	Neg Seratec Amylase Human Protein, Pos Species Cross-over
Item 4	Pos	O-tol, Seratec Human Hb	Pos	AP, Seratec PSA, Micro	Neg Seratec Amylase Human Protein, Pos Species Cross-over
HURJZ9					
Item 3	Pos	HD	Neg	ALS, AP, p30, Micro	Neg RSID
Item 4	Pos	HD	Pos	ALS, AP, p30, Micro	Neg RSID
J6G3RJ					
Item 3	Pos	LMG, HemaTrace	NT		NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, p30, KPIC (w/ Micro)	NT
J8NCUN					
Item 3	Pos	KM	Neg	AP (10 min)	Neg Phadebas (10 min)
Item 4	Pos	KM	Pos	AP (2 min)/slide 1 +H's	Neg Phadebas (10 min)
JH6WG7					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
JKVWDL					
Item 3	Pos	Hemastix, HemaTrace	NT		NT
Item 4	Pos	Hemastix, HemaTrace	Neg	AP, p30, H & E stain	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
JQ3TBN						
Item 3	Pos	Phenolphthalein, HemaTrace	Neg	p30, Micro	Neg	Phadebas
Item 4	Pos	Phenolphthalein, HemaTrace	Pos	p30, Micro	Neg	Phadebas
JZQQTG						
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro, PSA	NT	
K2HYMH						
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		
K3847P						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro	NT	
K7WLCG						
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
K9DZPP						
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, ALS	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, ALS	NT	
KDNBK4						
Item 3	Pos	LMG, HemaTrace	Neg	PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Pos	PSA, Micro	NT	
KK6LX6						
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT	
KNDD9C						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
L4MVMD						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
L4ZMD9						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
L7MR2Q					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
L9QU44					
Item 3	Pos	LMG	Neg PSA	NT	
Item 4	Pos	LMG	Pos PSA	NT	
LAQZEW					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID-Saliva	Human origin, Pos Plexor HY, HemaTrace
Item 4	Pos	KM, Takayama	Pos AP, Micro, p30	Neg RSID-Saliva	Human origin, Pos Plexor HY
LARTC6					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Pos AP, Micro	Neg RSID	
LCRXVQ					
Item 3	Pos	Pheno	Neg AP, RSID-Semen	NT	
Item 4	Pos	Pheno	Pos AP, RSID-Semen	NT	
LE4HWD					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Seratec, Micro	NT	
LEXK9V					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	Pos AP, Micro		
LGTZWD					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
LLVARK					
Item 3	Pos	KM	Neg ALS, AP		
Item 4	Pos	KM	Pos ALS, AP, PSA, Micro		
LLXYVH					
Item 3	NT		Neg PSA	NT	
Item 4	NT		Pos PSA	NT	
LNRYFT					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, RSID Semen, Micro	NT	
LYQVFA					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
M4LE9E					
Item 3	Pos	O-tol	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	O-tol	Pos AP, Micro	Neg Phadebas	
M9WY4J					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, Micro, p30,	Neg RSID-Saliva	
Item 4	Pos	Hemastix, HemaTrace	Pos AP, Micro, p30	Neg RSID-Saliva	
MAK69V					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas, RSID	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, Takayama	Pos AP, Micro, PSA	NT	Human Origin, Pos Plexor HY
MALX74					
Item 3	Pos	KM	Neg Micro, AP, ALS	Neg RSID	
Item 4	Pos	KM	Pos Micro, AP, ALS	Neg RSID	
MBYXEC					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemDirect	Pos ALS, AP, PSA, Micro	NT	
MEXNQD					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Seratec, Micro	NT	
MKNLAE					
Item 3	Pos	KM	Neg AP, ALS	NT	Human Blood, Pos RSID
Item 4	Pos	KM	Pos AP, PSA, Micro, ALS	NT	Human Blood RSID
MMUN3J					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
MR6RYD					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
MRK3KY					
Item 3	Pos	HemaTrace	Neg ALS	NT	
Item 4	Pos	HemaTrace	Pos ALS, AP, PSA, Micro	NT	
MTXP6Y					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, p30, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
MVXRZ3						
Item 3	Pos	LMG	Neg	PSA	NT	
Item 4	Pos	LMG	Pos	PSA	NT	
N69G9Y						
Item 3	Pos	KM, HemaTrace	Neg	AP, p30	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, p30, Micro	Neg	RSID
NC7AGT						
Item 3	Pos	PHT	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	PHT	Pos	Micro, AP	Neg	Phadebas
NE848J						
Item 3	Pos	O-tol, HemaTrace	NT		NT	
Item 4	Pos	O-tol, HemaTrace	Pos	AP, ABA p30, Micro	Neg	Saligae
NECPVC						
Item 3	Pos	kastle meyer, HemaTrace	Neg	AP	NT	
Item 4	Pos	kastle meyer, HemaTrace	Pos	AP, p30, Micro	NT	
NGJRXA						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
NLH4Z2						
Item 3	Pos	color, ppth, O-tol	Neg	AP, Micro	NT	
Item 4	Pos	color, ppth, O-tol	Pos	AP, Micro	NT	
NLVXCV						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg	RSID
NPV98V						
Item 3	Pos	KM, HemaTrace Card	Neg	ALS, AP, Micro, PSA	Neg	ALS, Phadebas
Item 4	Pos	KM, HemaTrace Card	Pos	ALS, AP, Micro, PSA	Neg	ALS, Phadebas
NQ2KWJ						
Item 3	Pos	KM	Neg	AP	Neg	Phadebas Screen
Item 4	Pos	KM	Pos	AP & Microscopic	Neg	Phadebas Screen
NWC8TE						
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
NWCJKW						
Item 3	Pos	KM, HemDirect	Neg	AP, Micro	Neg	RSID
Item 4	Pos	KM, HemDirect	Pos	AP, Micro	Neg	RSID

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
NYYBKF						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
P4PVAG						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
P8NW4P						
Item 3	Pos	hemastix, HemaTrace	Neg	AP, PSA (p30)	Neg	RSID Saliva
Item 4	Pos	hemastix, HemaTrace	Pos	AP, PSA (p30), Micro	Neg	RSID Saliva
P8UKFW						
Item 3	Pos	KM, HT	Neg	AP	NT	
Item 4	Pos	KM, HT	Pos	AP, Micro	Neg	RSID
PAVQTG						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
PCLNQN						
Item 3	Pos	KM, O-tol	Neg	AP*, Micro (CT), PSA	Neg	Phadebas
Item 4	Pos	KM	Pos	AP*, Micro (SH), PSA	Neg	Phadebas
PDGDPB						
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT	
PKXYJF						
Item 3	Pos	KM, HemaTrace	Neg	BCIP	NT	
Item 4	Pos	KM, HemaTrace	Pos	BCIP, p30, Micro	NT	
PMMD4J						
Item 3	Pos	O-tol	Neg	AP, Micro	NT	
Item 4	Pos	O-tol	Pos	AP, Micro	NT	
PPVTPA						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
PQNE8L						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM, HemDirect	Pos	AP, Micro, PSA	NT	
PT8F7E						
Item 3	Pos	Hemastix, HemaTrace	Neg	AP	NT	
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, Micro	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
PVPRTX							
Item 3	Pos	Hemastix	Neg	AP MAPping	NT		
Item 4	Pos	Hemastix	Neg	AP MAPping	NT		
PW9B2B							
Item 3	Pos	HemaTrace, KM	Neg	PSA, Microscopy	Neg	RSID-Saliva	Male DNA, Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Pos	PSA, Microscopy	Neg	RSID-Saliva	Male DNA, Pos Y-Screening
PWTZCJ							
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT		
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT		
P XK892							
Item 3	Pos	LMG	Neg	AP, PSA, Micro	NT		
Item 4	Pos	LMG	Pos	AP, PSA, Micro	NT		
PYF3CH							
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA	NT		
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	NT		
Q2EJLC							
Item 3	Pos	KM	Neg	AP, Micro	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
Q3Q89X							
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	RSID	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	RSID	
Q6XF9G							
Item 3	Pos	KM	Neg	AP	Neg	Phadebas	
Item 4	Pos	KM	Neg	AP	Neg	Phadebas	
Q7B93J							
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, p30, Micro	NT		
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, p30, Micro	NT		
QATJJF							
Item 3	Pos	TMB, HemaTrace	Neg	AP	NT		
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	Neg	RSID - Saliva	
QAU4ZA							
Item 3	Pos	TMB	Neg	ALS, AP	NT		
Item 4	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT		
QB48GE							
Item 3	Pos	KM	Neg	PSA	Neg	Seratec a-Amylase	
Item 4	Pos	KM	Pos	PSA	Neg	Seratec a-Amylase	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
QFYP7R							
Item 3	Pos	KM, Takayama, HemaTrace	Neg	AP, Micro, PSA	Neg	Phadebas, RSID-Saliva	Human Origin, Pos Plexor H/Y, HemaTrace
Item 4	Pos	KM, Takayama	Pos	AP, Micro, PSA	Neg	Phadebas, RSID-Saliva	Human Origin, Pos Plexor H/Y
QQEVNN							
Item 3	Pos	HemaTrace	Neg	p30	NT		
Item 4	Pos	HemaTrace	Pos	p30, Micro	NT		
QQH48A							
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT		
Item 4	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT		
QW67Z8							
Item 3	Pos	KM	Neg	AP, Micro	Neg	Phadebas	
Item 4	Pos	KM	Pos	AP, Micro	Neg	Phadebas	
R4GL6L							
Item 3	Pos	HEMA-TRACE	Neg	p30, Micro			
Item 4	Pos	HEMA-TRACE	Pos	p30, Micro			
R7UP24							
Item 3	Pos	KM	Neg	ALS, AP	NT		
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT		
R8486N							
Item 3	Pos	KM and HemaTrace	Neg	p30	Neg	RSID-Saliva	
Item 4	Pos	KM and HemaTrace	Pos	p30 and Micro	Neg	RSID- Saliva	
R8KJPF							
Item 3	Pos	Phenolphthalein	Neg	BCIP	NT		
Item 4	Pos	Phenolphthalein	Pos	BCIP, p30, Micro	NT		
RGTXPV							
Item 3	Pos	KM, HemaTrace	Neg	AP			
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg	RSID	
RHHFEA							
Item 3	Pos	KM, HemaTrace	Neg	Micro, PSA	Neg	RSID	Male DNA, Neg Y-screening
Item 4	Pos	KM, HemaTrace	Pos	Micro, PSA	Neg	RSID	Male DNA, Pos Y-screening
RKAHFH							
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg	Phadebas	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
RLEYKE							
Item 3	Pos	O-tol, HemaTrace	Neg	AP, PSA			
Item 4	Pos	O-tol, HemaTrace	Pos	PSA			
RPFAC9							
Item 3	Pos	PT, HemaTrace	Neg	Micro, PSA	Neg	RSID-Saliva	Male DNA, Neg Y-screening
Item 4	Pos	PT, HemaTrace	Pos	Micro, PSA	Neg	RSID-Saliva	Male DNA, Pos Y-screening
RPKBT2							
Item 3	Pos	LMG	Neg	AP	NT		
Item 4	Pos	LMG	Pos	AP, Micro	NT		
RQAXTH							
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	NT		
RR6CGW							
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT		
RTM8GB							
Item 3	Pos	Hemident, HemaTrace	NT		NT		
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcad p30, Sperm Hy-Liter Express	NT		
RW2U7A							
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro	NT		
RW48KB							
Item 3	Pos	KM	Neg	AP, Micro	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
T74KWP							
Item 3	Pos	KM	Neg	AP	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
T8FVWK							
Item 3	Pos	KM; ABAcard HemaTrace	Neg	AP	Neg	Phadebas Press	
Item 4	Pos	KM' ABAcard HemaTrace	Pos	AP; PSA	Neg	Phadebas Press	
T8XENR							
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
T9MWC7					
Item 3	Pos	KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-Screening (Plexor HY)
Item 4	Pos	KM, HemaTrace	Pos Micro, PSA	Neg RSID	Male DNA, Pos Y-Screening (Plexor HY)
TBD3TW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
TD6YTC					
Item 3	Pos	Phenolphthalein	Neg PSA, Micro	NT	
Item 4	Pos	Phenolphthalein	Pos PSA, Micro	NT	
TDF24P					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, PSA	NT	
TG3BJH					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
TG4CEG					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
TRYJYE					
Item 3	Pos	KM	Neg AP	Neg Phadebas screen	
Item 4	Pos	KM	Neg AP	Neg Phadebas screen	
TUVN7U					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
TVK7V9					
Item 3	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos	Henatrace, KM	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
TVLF8J					
Item 3	Pos	KM	Neg AP	Neg Phadebas Press	Human Blood, Pos ABAcad HemaTrace
Item 4	Pos	KM	Pos AP, PSA	Neg Phadebas Press	Human Blood, Pos ABAcad HemaTrace
TW4WFE					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Pos BCIP, p30, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TXQNVP					
Item 3	Pos	O-tol	Neg AP		NT
Item 4	Pos	O-tol	Pos AP		NT
TZCDDG					
Item 3	Pos	KM; HemaTrace	Neg ALS; AP; Micro		NT
Item 4	Pos	KM; HemaTrace	Pos ALS; AP; Micro		NT
U638NM					
Item 3	Pos	KM	Neg AP		NT
Item 4	Pos	KM	Pos AP, Micro		NT
U8ENJE					
Item 3	Pos	Phenolphthalein, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	Phenolphthalein, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
UAJEN9					
Item 3	Pos	O-tol	Neg AP		NT
Item 4	Pos	O-tol	Pos AP, Micro		NT
UCJNGW					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	Pos AP, Micro		
UEDH9Z					
Item 3	Pos	LMG, HemaTrace	Neg AP		NT
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA		NT
UETQ9M					
Item 3	Pos	O-tol, HemaTrace	Neg AP, PSA		
Item 4	Pos	O-tol,	Pos AP, PSA		
UJBUCC					
Item 3	Pos	Phenolphthalein	Neg BCIP	Neg Amylase	
Item 4	Pos	Phenolphthalein	Pos BCIP, p30, Microscopy	Neg Amylase	
UJPFLE					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
UKXMTM					
Item 3	Pos	O-tol	Neg AP		
Item 4	Pos	O-tol	Inc AP		
ULCTE6					
Item 3	Pos	KM	Neg ALS, AP		NT
Item 4	Pos	KM	Pos ALS, AP, Micro, PSA		NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
ULY9WF						
Item 3	Pos	LMG	Neg	AP, PSA	Neg	RSID - Saliva
Item 4	Pos	LMG	Pos	AP, PSA, Micro	Neg	RSID - Saliva
UU784W						
Item 3	Pos	HemDirect	NT		NT	
Item 4	Pos	HemDirect	Pos	ALS, AP, p30, Sperm Hyliter	NT	
UZA6M9						
Item 3	Pos	O-tol	Neg	AP, PSA, Micro	NT	
Item 4	Pos	O-tol	Pos	PSA, Micro	NT	
V4NXH9						
Item 3	Pos	KM	Neg	AP, Micro		
Item 4	Pos	KM	Pos	AP, Micro		
V6Y82T						
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg	Phadebas
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg	Phadebas
V87VNF						
Item 3	Pos	KM, ABA Card	Neg	AP	Neg	Phadebas press
Item 4	Pos	KM, ABA Card	Pos	AP, PSA	Neg	Phadebas press
VGWE6A						
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA	NT	
Item 4	Pos	TMB, HemaTrace	Pos	AP, Micro	Neg	RSID
VKH224						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
VMYXKG						
Item 3	Pos	Hemastix	NT		NT	
Item 4	Pos	Hemastix	Pos	AP, RSID Semen	Neg	RSID Saliva
VXZF2B						
Item 3	Pos	PTMB	Neg	AP	NT	Human origin, Pos QuantTrio
Item 4	Pos	PTMB	Pos	AP, Micro	NT	Human origin, Pos QuantTrio
W2LV94						
Item 3	Pos	KM, HemDirect	Neg	AP, PSA, Micro, ALS	NT	
Item 4	Pos	KM, HemDirect	Pos	AP, PSA, Micro, ALS	NT	
W3MPHM						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
W89DF8					
Item 3	Pos	LMG, HemaTrace	Neg	p30, Sperm Hy-Liter Express	NT
Item 4	Pos	LMG, HemaTrace	Pos	p30, Sperm Hy-Liter Express	NT
W9EW63					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, Micro, PSA, ALS	NT
WDU9GB					
Item 3	Pos	Phenolphthalein	Neg	BCIP	NT
Item 4	Pos	Phenolphthalein	Pos	BCIP, p30, Micro	NT
WEG2WL					
Item 3	Pos	O-tol, HemaTrace	Neg	AP, PSA	
Item 4	Pos	O-tol, HemaTrace	Pos	AP, PSA	
WELC26					
Item 3	Pos	LMG, HemaTrace	NT		NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA	NT
WF3QLE					
Item 3	Pos	KM	Neg	ALS, FBB, PSA	NT
Item 4	Pos	KM	Pos	ALS, FBB, PSA	NT
WRDLG4					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
WW2RX7					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
WWLCXC					
Item 3	Pos	KM	Neg	ALS, AP, Micro	Neg ALS, Phadebas Human DNA, Pos Quantifiler Trio
Item 4	Pos	KM	Pos	ALS, AP, Micro	Neg ALS, Phadebas Human DNA, Pos Quantifiler Trio
X776LD					
Item 3	Pos	KM, HB	Neg	AP	NT
Item 4	Pos	KM, HB	Pos	AP, Micro, PSA	NT
XAP8K7					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP	NT
Item 4	Pos	Hemastix, HemaTrace	Pos	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XBJN4U					
Item 3	Pos	LMG	Neg	AP	NT
Item 4	Pos	LMG	Pos	AP, Micro	NT
XF9EY6					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
XGNHQB					
Item 3	Pos	O-tol, Seratec PMB card	Neg	AP, PSA	Neg Seratec Alpha-Amylase card
Item 4	Pos	O-tol, Seratec PMB card	Pos	AP, PSA, Micro	Neg Seratec Alpha-Amylase card
XMWR96					
Item 3	Pos	LMG, HT	NT		NT
Item 4	Pos	LMG HT	Pos	ALS, AP, p30, KPIC	NT
XQDDYR					
Item 3	Pos	O-tol, PPTH, red/brwn colour	Neg	AP, ALS, Micro	NT
Item 4	Pos	O-tol, PPTH, red/brn colour	Pos	AP, ALS, Micro	NT
XZ32UU					
Item 3	Pos	KM	Neg	AP, Micro, p30	Neg Amylase radial Diffusion
Item 4	Pos	KM	Pos	AP, Micro, p30	Neg Amylase radial Diffusion
Y4WB9Z					
Item 3	Pos	KM, HemaTrace	Neg	PSA	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	PSA	Neg RSID
Y7786Q					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg RSID
Y7ARYK					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
Y8KRXZ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
YBDX9W					
Item 3	Pos	KM, HemDirect	NT		NT
Item 4	Pos	KM, HemDirect	Pos	AP, Micro	Neg RSID Saliva

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YCDTXU					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
YCL2T8					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro, PSA	NT	
YPBXV6					
Item 3	Pos	RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos	RSID-Blood	Pos RSID-Semen	Neg RSID-Saliva	
YUPKWP					
Item 3	Pos	KM, HemaTrace	Neg PSA	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos PSA, Micro	Neg RSID	
YXALQC					
Item 3	Pos	KM	Neg ALS, AP, p30, Micro	NT	
Item 4	Pos	KM	Pos ALS, AP, p30, Micro	NT	
YXRGLK					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Z24TV7					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Z4NTLL					
Item 3	Pos	O-tol	Neg ALS, AP, PSA, Micro	Neg ImmunochromatogrAPHic Assay for Amylase	
Item 4	Pos	O-tol	Pos ALS, AP, PSA, Micro	Neg ImmunochromatogrAPHic Assay for Amylase	
Z67LXG					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Z73ZKA					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Z7ZCYP					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
Z8VLZY					
Item 3	Pos	KM, HemDirect	Neg AP, PSA	NT	
Item 4	Pos	KM, HemDirect	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
Z8ZBFC					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Pos AP, PSA, Micro	NT	
ZAXLXB					
Item 3	Pos	KM, ABACard	Neg AP	Neg Phadebes	
Item 4	Pos	KM, ABACard	Pos AP, p30	Neg Phadebas	
ZDLAPX					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
ZDX68J					
Item 3	Pos	KM, Takayama, 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
ZH8E7E					
Item 3	Pos	KM, TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM, TMB	Pos PSA, Micro	NT	
ZHR7AX					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
ZLFH94					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, p30, Micro	NT	
ZMNPBW					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
ZNMNU6					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Pos BCIP, p30, Micro	Neg Phadebas	
ZTRU3F					
Item 3	Pos	KM, HemaTrace	Neg p30	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos p30, Micro	Neg RSID	
ZX6CKW					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
ZZCLKG					
Item 3	Pos	HemaTrace, KM	Neg AP	NT	
Item 4	Pos	HemaTrace, KM	Pos AP, Microscopy	NT	

Table 1: Serology Screening			
Response Summary		Item 3	
	Participants: 360		
ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	358	0	0
Negative	0	328	115
Inconclusive	0	0	0
Not Tested (NT)	2	27	222
Not Reported	0	5	23

Table 1: Serology Screening			
Response Summary		Item 4	
	Participants: 360		
ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	358	340	0
Negative	0	7	126
Inconclusive	0	3	0
Not Tested (NT)	2	9	211
Not Reported	0	1	23

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

22MUH9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
<hr/>						
24QRNU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
<hr/>						
27GDCW	PowerPlex® Fusion 6C Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
<hr/>						
288623	PowerPlex® Fusion, GlobalFiler™, Investigator® 24plex QS (tools forensic single sample module popstats, software CODIS v7.0)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
<hr/>						
2AVM8U	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
<hr/>						
2DXLK9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

2G9VGJ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
2LBDEC	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
2MJJZ	PowerPlex® Fusion 5C,6C, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
2NF73J	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
2NYE8Y	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
2QVU8N	Identifiler® Direct					
	-	17,23	-	15,16	11	-
1	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
2QYB89	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

2RR8UG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
2WTWQW	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
2YGYPA	Identifiler® Plus, MiniFiler					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
2YYFX6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
2YZ3YV	PowerPlex® Fusion 6C Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
322ZWN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
37BJ7V	PowerPlex® Fusion 6 Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

3CFWWL	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3DAKDW	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
3JEBW2	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
3MYAEQ	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
3NMVE8	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
3PJA3K	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
3JULYWE	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

3VUBEG	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3W4CN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
3XV9VB	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
43ZLUK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
44KEVH	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
44YUXX	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
48JGY	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

4BJWE2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
4BZHXW	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	NA
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	NA	NA	18,28.2	6,9	8,9
	17	NR	NA	NA	NR	
4D7CUB	Identifiler®					
	N/A	17,23	N/A	15,16	11,11	N/A
1	12,12	14,15	N/A	N/A	8,11	12,12
	17,20	13,15	29,30	N/A	X,X	11,12
	22,22	N/A	N/A	N/A	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
4DDVZ8	Identifiler® Plus, MiniFiler (GeneMapper ID-X)					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
4E3QDM	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
4FDR33	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR				
4HNDAG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

4LE3WD	Identifiler® Direct					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
4UDACE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
4V32NJ	Identifiler®, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
629XYW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
66AVKW	PowerPlex® Fusion 5C & Fusion 6C, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
69WCAW	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17	NR				
6EHGV7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

6J9Q64	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
6K3LJZ	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
6KZY3L	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	NT
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	NT	NT	18,28.2	6,9	8,9
	17,17	NR	NT	NT	NR	
6PEMP4	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
6PUVRD	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
6Q6ULL	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
6Q9H4Z	GlobalFiler™ (STRMix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

6TEKA6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
6WTK6B	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
73JL7U	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
73YD2R	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
7CAGHC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7DX9UG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7FYCKH	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

7GWMFK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7HFD3C	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7HWYMR	PowerPlex® Fusion 6C Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
7QHNZ2	GlobalFiler™ (GMID-X)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
7W92Y4	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
7ZEXQ6	Identifiler® Plus, MiniFiler					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
8FM9V4	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

8KJXEV	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
8KW2T3	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
8ZMY8Q	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
93CX48	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
984YRL	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
99YGBB	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
9AVUX3	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

9DEVVW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
9E4BXQ	PowerPlex® Fusion 5C & 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9GDRCV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9HLJAW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
9HMYFN	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9KP7YU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	NT
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	NT	NT	18,28.2	6,9	8,9
	17,17	NR	NT	NT	NR	
9MWJK3	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	

TABLE 2

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

Item 1 - STR Results

9NPMYV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9TNUPY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
9XHXAQ	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
9YDAFR	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
A9XZD4	PowerPlex® Fusion 6C, Fusion 6C Direct (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
ABH7HT	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
ADNKBR	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

AHFN4W	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AKZPUC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
ALK4Q2	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
AN726K	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AT69QH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AUBXNK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AW3RU2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

AYUQ9Y	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	No Results			No Results	
B2TJGN	Identifiler®					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
B3ZU6R	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
B63XN2	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
B72ZHC	Identifiler®					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
B8DN7H	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
BD7TYM	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

BPCTMY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Results			No Results	
BVLMH2	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
BWGD43	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
BWGHE6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
C3FLG9	PowerPlex® ESX 17 fast					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
C6L4MR	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
C739AW	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

C7V7BB	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
C8AFMW	Identifiler® Plus, MiniFiler					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
C8TF8E	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
CBD4EZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
CDF9E8	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
CDWBBDT	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
CFLQFN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

CFRW8K	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
CHDPXT	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
CNDCJ2	Investigator® 24plex GO					
	15,16	17,23	12,14	15,16	11,11	N/A
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	N/A	N/A	18,28.2	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
CRL7XY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
CU68WR	GlobalFiler™ (STRMIX)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
CU7ACY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
CUC6CX	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

CVHTEG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
CYUVR3	Investigator® 24plex Go!					
	15,16	17,23	12,14	15,16	11,11	n/a
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	n/a	n/a	18,28.2	6,9	8,9
	17,17	n/a	n/a	n/a	n/a	
D264X4	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
D26YM2	PowerPlex® Fusion 6 C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
D6XZQB	Identifiler® Direct					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
D6ZRMX	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
D6ZTGW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

DBDEP3	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
DGDZDW	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DGV37Q	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DH3FER	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
DHL6X8	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
DJKDWJ	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
DP9ZUA	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

DPDBR2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DT9AZ6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
DVYXBQ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
E3A8UY	PowerPlex® ES17 FAST					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2		
	17,17					
E7CFJN	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
EBPPKD	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
EC38ZC	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	

TABLE 2

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

Item 1 - STR Results

EFVK9T	PowerPlex® ESI-17 Fast					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
EFYTRE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
EJZKQK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
EKCQY2	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
EPA9HM	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17	NR				
ET67LK	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
EUZHRL	Investigator® 24plex GO!					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	no result				

TABLE 2

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

Item 1 - STR Results

EVTHKQ	PowerPlex® Fusion 6C						
		15,16	17,23	12,14	15,16	11,11	
	1	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17						
F8X668	GlobalFiler™						
		15,16	17,23	12,14	15,16	11,11	
	1	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22			18,28.2	6,9	8,9
	17,17						
FAR8AG	PowerPlex® Fusion 6C Direct						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22	9,14	11,12	18,28.2	6,9	8,9
	17						
FCBUJA	Identifiler® Direct						
		-	17,23	-	15,16	11	-
	1	12	14,15	-	-	8,11	12
		17,20	13,15	29,30	-	X,X	11,12
		22	-	-	-	6,9	8,9
	17	-	-	-	-	-	
FHGJ6N	GlobalFiler™ (STRmix)						
		15,16	17,23	12,14	15,16	11,11	
	1	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22			18,28.2	6,9	8,9
	17,17						
FRBH6B	PowerPlex® Fusion 6C						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22	9,14	11,12	18,28.2	6,9	8,9
	17						
FTZX3Y	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
	17	NR			NR		

TABLE 2

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

Item 1 - STR Results

FU8FZV	NGM (GeneMapper ID-X ver 1.2)					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22				6,9	
	17,17					
FV4TP9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1		14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No result			No result	
FVAWNU	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
FX7TLY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1		14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
FXEGFZ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
FYML4W	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1		14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
GANE4Z	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

GBH679	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
GBYJAC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
GGJTBU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
GR3GP8	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
GVJAMM	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
GXBCKN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
GZW8RN	GlobalFiler™ Express (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

GZYQ6R	PowerPlex® Fusion					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12		6,9
	17					
H2TW3X	GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17					
H72MEW	PowerPlex® 21					
		15,16	17,23		15,16	11,11
	1	12,12	14,15		20,21	8,11
		17,20	13,15	29,30		X,X
		22,22	9,14	11,12		6,9
	17,17					
HA4NFT	Identifiler® Plus					
			17,23		15,16	11,11
	1	12,12	14,15			8,11
		17,20	13,15	29,30		X,X
		22,22				6,9
	17,17					
HAVAQQ	Identifiler® Plus, GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X,X
		22			18,28.2	6,9
	17					
HURJZ9	PowerPlex® Fusion 5C, Fusion 6C					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17					
J6G3RJ	PowerPlex® Fusion 6C					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17					

TABLE 2

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

Item 1 - STR Results

J8NCUN	PowerPlex® ESI 17 Fast					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
JH6WG7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1		14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
JKVWDL	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
1		14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
K2HYMH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
K3847P	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8^,9^
	17	NR	NR	NR		
K7WLCCG	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
K9DZPP	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1		14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	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

KDNBK4	GlobalFiler™						
		15,16	17,23	12,14	15,16	11,11	
	1	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22			18,28.2	6,9	8,9
		17,17	No Result			No Result	
KK6LX6	GlobalFiler™						
		15,16	17,23	12,14	15,16	11,11	
	1	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22			18,28.2	6,9	8,9
		17,17	NR			NR	
KNDD9C	PowerPlex® Fusion 6C						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22	9,14	11,12	18,28.2	6,9	8,9
		17					
L4MVMD	Identifiler® Plus						
			17,23		15,16	11	
	1	12	14,15			8,11	12
		17,20	13,15	29,30		X	11,12
		22				6,9	8,9
		17					
L4ZMD9	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
		17					
L7MR2Q	Identifiler® Plus						
			17,23		15,16	11,11	
	1	12,12	14,15			8,11	12,12
		17,20	13,15	29,30		X,X	11,12
		22,22				6,9	8,9
		17,17					
L9QU44	PowerPlex® Fusion, GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22	11,12	9,14	18,28.2	6,9	8,9
		17					

TABLE 2

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

Item 1 - STR Results

LAQZEW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
LARTC6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
LCRXVQ	GlobalFiler™ Express (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
LE4HWD	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
LEXK9V	Identifiler® Direct					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
LGTZWD	Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR				
LLVARK	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

LLXYVH	Identifiler® Plus, PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					
LNRVFT	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
LYQVFA	PowerPlex® Fusion 6C Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
M4LE9E	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17	NR				
M9WY4J	PowerPlex® 21 (STRmix)					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
MAK69V	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
MALX74	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

MBYXEC	GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17	NR			NR	
MEXNQD	GlobalFiler™ Express					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17	-			-	
MKNLAE	GlobalFiler™ (STRmix)					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17					
MMUN3J	GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17					
MR6RYD	PowerPlex® Fusion 6C					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17					
MRK3KY	PowerPlex® Fusion 5C					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12		6,9
	17					
MTXP6Y	PowerPlex® Fusion					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17					

TABLE 2

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

Item 1 - STR Results

MVXRZ3	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	11,12	9,14	18,28.2	6,9	8,9
	17					
N69G9Y	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
NC7AGT	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
NECPVC	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
NGJRXA	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
NLH4Z2	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
NLVXCV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

NPV98V	PowerPlex® 5C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					
NQ2KWJ	PowerPlex® ESI 17 Fast					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
NWCJKW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
NYJX9P	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
NYBKF	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
P4PVAG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
P8NW4P	PowerPlex® PP21					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

P8UKFW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
PAVQTG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PCLNQN	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
PDGDPB	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PKXYJF	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PMMD4J	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,[14]	11,12		6,9	8,9
	17					
PPVTPA	PowerPlex® Fusion Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

PQNE8L	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17	NR				
PT8F7E	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
PVPRTX	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PW9B2B	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
PWTZCJ	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PXK892	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
PYF3CH	PowerPlex® PP21					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

Q2EJLC	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
Q3Q89X	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
Q6XF9G	PowerPlex® ESI 17 FAST					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
Q7B93J	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Results			No Results	
QATJFF	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
QAU4ZA	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17	ND	ND	ND		
QB48GE	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

QQEVNN	Investigator® 24plex GO!					
	15,16	17,23	12,14	15,16	11,11	N/A
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,Y	11,12
	22,22	N/A	N/A	18,28.2	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
QQH48A	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
QW67Z8	PowerPlex® Fusion 6C (TrueAllele)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
QXBQLL	GlobalFiler™, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
R4GL6L	Investigator® 24plex GO					
	15,16	17,23	12,14	15,16	11,11	N/A
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	N/A	N/A	18,28.2	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
R7UP24	PowerPlex® Fusion 6C Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
R8486N	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

R8KJPF	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RGTXPV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
RHHFEA	PowerPlex® Fusion 5C and 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
RKAHFH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RLEYKE	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
RPFAC9	GlobalFiler™ 3500xL, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RPKBT2	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	

TABLE 2

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

Item 1 - STR Results

RQAXTH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RR6CGW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
RTM8GB	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RW2U7A	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RW48KB	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
RX8Q2C	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
T74KWP	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

T8FWWK	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
T8XENR	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	--			--	
T9MWC7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TBD3TW	Identifiler® Direct					
	-	17,23	-	15,16	11	-
1	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
TD6YTC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TG3BJH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Result			No Result	
TG4CEG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

TRYJYE	PowerPlex® ESI 17					
	15,16	17,23	12,14	15,16		
1		14,15	15,16	21,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
TUVN7U	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
TVK7V9	PowerPlex® Fusion 6C, 5C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
TVLF8J	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
TW4WFE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TXQNVP	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
TZCDDG	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	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

U638NM	Identifiler® Direct					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
U8ENJE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UAJEN9	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17	NR				
UCJNGW	Identifiler® Direct					
	-	17,23	-	15,16	11	-
1	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
UEDH9Z	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UETQ9M	Identifiler® Id+					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
UJBUCC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

UJPFLE	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
UKXMTM	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
ULCTE6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	Not Tested
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	Not Tested	Not Tested	18,28.2	6,9	8,9
	17	No Results	Not Tested	Not Tested	No Results	
ULY9WF	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UU784W	PowerPlex® Fusion 5C, 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
UYHZGG	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	17					
UZA6M9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

V4NXH9	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
V6Y82T	Identifiler® Direct					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
V87VNF	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
VGWE6A	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
1	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
VKH224	PowerPlex® Fusion 6C Direct					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
VMYXKG	GlobalFiler™ Express (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
VX7KMF	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

VXZF2B	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
W2LV94	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
W3MPHM	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
W89DF8	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
W9EW63	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	-
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	-	-	18,28.2	6,9	8,9
	17	NR	-	-	NR	
WDU9GB	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
WEG2WL	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

WF3QLE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
WGTQAW	GlobalFiler™, Globalfiler Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
WRDLG4	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
WW2RX7	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
WWLCXC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	No Results			No Results	
X776LD	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					
XAP8K7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

XBJN4U	GlobalFiler™ Express					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17	NR			NR	
XF9EY6	GlobalFiler™ (STRmix)					
		15,16	17,23	12,14	15,16	11,11
	1	12,12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X,X
		22,22			18,28.2	6,9
	17,17					
XGNHQB	GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X,X
		22			18,28.2	6,9
	17					
XMWR96	PowerPlex® Fusion 6C					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17					
XQDDYR	PowerPlex® F6C					
		15,16	17,23	12,14	15,16	11,11
	1	12,12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X,X
		22,22	9,14	11,12	18,28.2	6,9
	17,17					
XZ32UU	GlobalFiler™					
		15,16	17,23	12,14	15,16	11,11
	1	12,12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X,X
		22,22	-	-	18,28.2	6,9
	17,17	NR	-	-	NR	
Y4WB9Z	PowerPlex® Fusion 6C, GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	1	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17					

TABLE 2

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

Item 1 - STR Results

Y7786Q	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
Y7ARYK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Y8KRXZ	Identifiler®					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
YCDTXU	GlobalFiler™ Express					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
YCL2T8	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
YPBXV6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
YUPKWP	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 1 - STR Results

YXALQC	GlobalFiler™						
		15,16	17,23	12,14	15,16	11,11	
	1	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22			18,28.2	6,9	8,9
		17,17	no results			no results	
YXRGLK	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
		17					
Z24TV7	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
		17					
Z4NTLL	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
		17					
Z67LXG	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
		17					
Z73ZKA	GlobalFiler™						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22			18,28.2	6,9	8,9
		17					
Z7ZCYP	PowerPlex® Fusion 6C						
		15,16	17,23	12,14	15,16	11	
	1	12	14,15	15,16	20,21	8,11	12
		17,20	13,15	29,30	11,15	X	11,12
		22	9,14	11,12	18,28.2	6,9	8,9
		17					

TABLE 2

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

Item 1 - STR Results

Z8VLZY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
Z8ZBFC	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	N/A
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	N/A	6,9	8,9
	17	N/A	N/A	N/A	N/A	
ZAXLXB	Identifiler® Plus					
		17,23		15,16	11,11	
1	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
ZB9RFZ	PowerPlex® Fusion 5C and 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
ZDLAPX	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
ZDX68J	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
1	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
ZH8E7E	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	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

ZHR7AX	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
ZLFH94	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
ZMNPBW	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
ZTRU3F	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
ZX6CKW	Identifiler® Plus					
		17,23		15,16	11	
1	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
ZXZ7T2	PowerPlex® Fusion 5C, 6C					
	15,16	17,23	12,14	15,16	11	
1	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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

22MUH9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
24QRNU	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
27GDCW	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
288623	PowerPlex® Fusion, GlobalFiler™, Investigator® 24plex QS (tools forensic single sample module popstats, software CODIS v7.0)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11			2	
2AVM8U	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
2DXLK9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2G9VGJ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

2LBDEC	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
2MJJJZ	PowerPlex® Fusion 5C,6C, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
2NF73J	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2NYE8Y	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2QVU8N	Identifiler® Direct					
	-	17,20	-	14,18	11,12	-
2	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	
2QYB89	Identifiler® Plus (STRmix)					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
2RR8UG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

2WTWQW	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
2YGYPA	Identifiler® Plus, MiniFiler					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
2YYFX6	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2YZ3YV	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
322ZWN	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
37BJ7V	PowerPlex® Fusion 6 Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
3CFWWL	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

3DAKDW	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
3JEBW2	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
3MYAEQ	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
3NMVE8	Identifiler® Plus (STRmix)					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
3PJA3K	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
3JULYWE	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
3VUBEG	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

3W4CN	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
3XV9VB	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
43ZLUK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
44KEVH	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
44YUXX	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
48JGY	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
4BJWE2	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

4BZHXW	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	NA
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	NA	NA	28.2,30.2	6,7	8,11
	15,16	11	NA	NA	2	
4D7CUB	Identifiler®					
	N/A	17,20	N/A	14,18	11,12	N/A
2	8,8	10,14	N/A	N/A	8,11	9,12
	13,15	13,14	27,30	N/A	X,Y	10,12
	23,23	N/A	N/A	N/A	6,7	8,11
	15,16	N/A	N/A	N/A	N/A	
4DDVZ8	Identifiler® Plus, MiniFiler (GeneMapper ID-X)					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
4E3QDM	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
4FDR33	Investigator® 24plex WS					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11				
4HNDAG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
4LE3WD	Identifiler® Direct					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					

TABLE 2

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

Item 2 - STR Results

4UDACE	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
4V32NJ	Identifiler®, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11				
629XYW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
66AVKW	PowerPlex® Fusion 5C & Fusion 6C, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
69WCAW	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
6EHGV7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6J9Q64	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	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

6K3LJZ	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6KZY3L	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	NT
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	NT	NT	28.2,30.2	6,7	8,11
	15,16	11	NT	NT	2	
6PEMP4	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
6PUVRD	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
6Q6ULL	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6Q9H4Z	GlobalFiler™ (STRMix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6TEKA6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

6WTK6B	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
73JL7U	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
73YD2R	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
7CAGHC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7DX9UG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7FYCKH	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11			2	
7GWMFK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

7HFD3C	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7HWYMR	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
7QHNZ2	GlobalFiler™ (GMID-X)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
7W92Y4	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
7ZEXQ6	Identifiler® Plus, MiniFiler					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
8FM9V4	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
8KJXEY	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

8KW2T3	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
8ZMY8Q	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
93CX48	PowerPlex® 21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
984YRL	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
99YGBB	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9AVUX3	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9DEVVW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

9E4BXQ	PowerPlex® Fusion 5C & 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9GDRCV	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9HLJAW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9HMYFN	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9KP7YU	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	NT
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	NT	NT	28.2,30.2	6,7	8,11
	15,16	11	NT	NT	2	
9MWJK3	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
9NPMYV	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

9TNUPY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9XHXAQ	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9YDAFR	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
A9XZD4	PowerPlex® Fusion 6C, Fusion 6C Direct (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ABH7HT	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
ADNKBR	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
AHFN4W	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

AKZPUC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
ALK4Q2	GlobalFiler™, MiniFiler					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
AN726K	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
AT69QH	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
AUBXNK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
AW3RU2	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
AYUQ9Y	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

B2TJGN	Identifiler®					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
B3ZU6R	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
B63XN2	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
B72ZHC	Identifiler®					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
B8DN7H	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
BD7TYM	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
BPCTMY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

BVLMH2	Identifiler® Plus (STRmix)					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
BWGD43	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
BWGHE6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
C3FLG9	PowerPlex® ESX 17 fast					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
C6L4MR	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
C739AW	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
C7V7BB	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					

TABLE 2

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

Item 2 - STR Results

C8AFMW	Identifiler® Plus, MiniFiler					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
C8TF8E	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
CBD4EZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
CDF9E8	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
CDWBDT	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
CFLQFN	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
CFRW8K	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					

TABLE 2

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

Item 2 - STR Results

CHDPXT	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
CNDCJ2	Investigator® 24plex GO					
	15,16	17,20	10,11	14,18	11,12	N/A
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	N/A	N/A	28.2,30.2	6,7	8,11
	15,16	11	N/A	N/A	N/A	
CRL7XY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
CU68WR	GlobalFiler™ (STRMIX)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
CU7ACY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
CUC6CX	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
CVHTEG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

CYUJR3	Investigator® 24plex Go!					
	15,16	17,20	10,11	14,18	11,12	n/a
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	n/a	n/a	28.2,30.2	6,7	8,11
	15,16	11	n/a	n/a	n/a	
D264X4	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
D26YM2	PowerPlex® Fusion 6 C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
D6XZQB	Identifiler® Direct					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
D6ZRMX	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
D6ZTGW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
DBDEP3	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

DGDZDW	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
DGV37Q	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
DH3FER	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
DHL6X8	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DJKDWJ	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
DP9ZUA	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DPDBR2	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

DT9AZ6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DVYXBQ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
E3A8UY	PowerPlex® ESI17 FAST					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
E7CFJN	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
EBPPKD	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
EC38ZC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
EFVK9T	PowerPlex® ESI-17 Fast					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					

TABLE 2

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

Item 2 - STR Results

EFYTRE	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11				
EJZKQK	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11			2	
EKCQY2	PowerPlex® F6C					
		15,16	17,20	10,11	14,18	11,12
	2	8,8	10,14	14,15	18,18	8,11
		13,15	13,14	27,30	16,16	X,Y
		23,23	12,14	12,13	28.2,30.2	6,7
	15,16	11	18	18		
EPA9HM	PowerPlex® Fusion 5C					
		15,16	17,20	10,11	14,18	11,12
	2	8,8	10,14	14,15	18,18	8,11
		13,15	13,14	27,30	16,16	X,Y
		23,23	12,14	12,13		6,7
	15,16	11				
ET67LK	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11			2	
EUZHRL	Investigator® 24plex GO!					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11				
EVTHKQ	PowerPlex® Fusion 6C					
		15,16	17,20	10,11	14,18	11,12
	2	8,8	10,14	14,15	18,18	8,11
		13,15	13,14	27,30	16,16	X,Y
		23,23	12,14	12,13	28.2,29.2,30.2	6,7
	15,16	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

F8X668	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
FAR8AG	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
FCBUJA	Identifiler® Direct					
	-	17,20	-	14,18	11,12	-
2	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	
FHGJ6N	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
FRBH6B	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
FTZX3Y	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
FU8FZV	NGM (GeneMapper ID-X ver 1.2)					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23				6,7	
	15,16					

TABLE 2

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

Item 2 - STR Results

FV4TP9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
FVAWNU	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
FX7TLY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
FXEGFZ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
FYML4W	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
GANE4Z	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
GBH679	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

GBYJAC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
GGJTBU	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
GR3GP8	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
GVJAMM	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
GXBCKN	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
GZW8RN	GlobalFiler™ Express (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
GZYQ6R	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	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

H2TW3X	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
H72MEW	PowerPlex® 21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
HA4NFT	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
HAVAQQ	Identifiler® Plus, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
HURJZ9	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
J6G3RJ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
J8NCUN	PowerPlex® ESI 17 Fast					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					

TABLE 2

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

Item 2 - STR Results

JH6WG7	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	2	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
JKVWDL	PowerPlex® 21						
		15,16	17,20		14,18	11,12	11,12
	2	8,8	10,14		18,18	8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23	12,14	12,13		6,7	8,11
	15,16						
K2HYMH	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
K3847P	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
K7WLCG	GlobalFiler™ Express						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
K9DZPP	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
KDNBK4	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	2	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		

TABLE 2

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

Item 2 - STR Results

KK6LX6	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	2	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
KNDD9C	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
L4MVMD	Identifiler® Plus						
			17,20		14,18	11,12	
	2	8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23				6,7	8,11
	15,16						
L4ZMD9	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
L7MR2Q	Identifiler® Plus						
			17,20		14,18	11,12	
	2	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
L9QU44	PowerPlex® Fusion, GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	2	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,13	12,14	28.2,30.2	6,7	8,11
	15,16	11			2		
LAQZEW	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	2	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

LARTC6	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
LCRXVQ	GlobalFiler™ Express (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
LE4HWD	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
LEXK9V	Identifiler® Direct					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
LGTZWD	Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
LLVARK	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11				
LLXYVH	Identifiler® Plus, PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	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

LNRVFT	PowerPlex® 21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
LYQVFA	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
M4LE9E	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
M9WY4J	PowerPlex® 21 (STRmix)					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
MAK69V	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
MALX74	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MBYXEC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

MEXNQD	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MKNLAE	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MMUN3J	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MR6RYD	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
MRK3KY	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
MTXP6Y	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
MVXRZ3	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,13	12,14	28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

N69G9Y	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NC7AGT	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NECPVC	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NGJRXA	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
NLH4Z2	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NLVXCV	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NPV98V	PowerPlex® 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	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

NQ2KWJ	PowerPlex® ESI 17 Fast					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
NWCJKW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
NYJX9P	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NYBKF	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
P4PVAG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
P8NW4P	PowerPlex® PP21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
P8UKFW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

PAVQTG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
PCLNQN	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
PDGDPB	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
PKXYJF	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
PMMD4J	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
PPVTPA	PowerPlex® Fusion Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
PQNE8L	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	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

PT8F7E	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
PVPRTX	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
PW9B2B	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11			2	
PWTZCJ	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
PXK892	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
PYF3CH	PowerPlex® PP21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
Q2EJLC	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

Q3Q89X	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
Q6XF9G	PowerPlex® ESI 17 FAST					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
Q7B93J	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
QATJF	PowerPlex® 21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
QAU4ZA	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
QB48GE	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
QQEVNN	Investigator® 24plex GO!					
	15,16	17,20	10,11	14,18	11,12	N/A
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	N/A	N/A	28.2,30.2	6,7	8,11
	15,16	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

QQH48A	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
QW67Z8	PowerPlex® Fusion 6C (TrueAllele)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
QXBQLL	GlobalFiler™, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
R4GL6L	Investigator® 24plex GO					
	15,16	17,20	10,11	14,18	11,12	N/A
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	N/A	N/A	28.2,30.2	6,7	8,11
	15,16	11	N/A	N/A	N/A	
R7UP24	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
R8486N	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
R8KJPF	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

RGTXPV	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
RHHFEA	PowerPlex® Fusion 5C and 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
RKAHFH	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
RLEYKE	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
RPFAC9	GlobalFiler™ 3500xL, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
RPKBT2	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
RQAXTH	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

RR6CGW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
RTM8GB	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
RW2U7A	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
RW48KB	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
RX8Q2C	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
T74KWP	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
T8FWWK	Identifiler® Plus (STRmix)					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					

TABLE 2

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

Item 2 - STR Results

T8XENR	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
T9MWC7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
TBD3TW	Identifiler® Direct					
	-	17,20	-	14,18	11,12	-
2	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	
TD6YTC	GlobalFiler™ Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
TG3BJH	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
TG4CEG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
TRYJYE	PowerPlex® ESI 17					
	15,16	17,20	10,11	14,18		
2		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					

TABLE 2

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

Item 2 - STR Results

TUVN7U	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
TVK7V9	PowerPlex® Fusion 6C, 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
TVLF8J	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
TW4WFE	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
TXQNVP	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
TZCDDG	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
U638NM	Identifiler® Direct					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					

TABLE 2

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

Item 2 - STR Results

U8ENJE	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
UAJEN9	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
UCJNGW	Identifiler® Direct					
	-	17,20	-	14,18	11,12	-
2	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	
UEDH9Z	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
UETQ9M	Identifiler® Id+					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
UJBUCC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
UJPFLE	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

UKXMTM	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
ULCTE6	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	Not Tested
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	Not Tested	Not Tested	28.2,30.2	6,7	8,11
	15,16	11	Not Tested	Not Tested	2	
ULY9WF	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
UU784W	PowerPlex® Fusion 5C, 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
UYHZGG	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
UZA6M9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
V4NXH9	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

V6Y82T	Identifiler® Direct					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
V87VNF	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
VGWE6A	PowerPlex® 21					
	15,16	17,20		14,18	11,12	11,12
2	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
VKH224	PowerPlex® Fusion 6C Direct					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
VMYXKG	GlobalFiler™ Express (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
VX7KMF	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
VXZF2B	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

W2LV94	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11			2	
W3MPHM	PowerPlex® Fusion 6C					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23	12,14	12,13	28.2,30.2	6,7
	15,16	11	18	18		
W89DF8	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11			2	
W9EW63	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23	-	-	28.2,30.2	6,7
	15,16	11	-	-	2	
WDU9GB	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11			2	
WEG2WL	Identifiler® Plus					
			17,20		14,18	11,12
	2	8,8	10,14			8,11
		13,15	13,14	27,30		X,Y
		23,23				6,7
	15,16				8,11	
WF3QLE	GlobalFiler™					
		15,16	17,20	10,11	14,18	11,12
	2	8	10,14	14,15	18	8,11
		13,15	13,14	27,30	16	X,Y
		23			28.2,30.2	6,7
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

WGTQAW	GlobalFiler™, Globalfiler Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
WRDLG4	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
WW2RX7	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
WWLCXC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
X776LD	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
XAP8K7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
XBJN4U	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

XF9EY6	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
XGNHQB	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
XMWR96	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
XQDDYR	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
XZ32UU	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	-
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	-	-	28.2,30.2	6,7	8,11
	15,16	11	-	-	2	
Y4WB9Z	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18	2	
Y7786Q	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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

Y7ARYK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Y8KRXZ	Identifiler®					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
YCDTXU	GlobalFiler™ Express					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
YCL2T8	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11				
YPBXV6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
YUPKWP	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
YXALQC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

YXRGLK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z24TV7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z4NTLL	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z67LXG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z73ZKA	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z7ZCYP	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
Z8VLZY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Item 2 - STR Results

Z8ZBFC	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	N/A
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	N/A	6,7	8,11
	15,16	11	N/A	N/A	N/A	
ZAXLXB	Identifiler® Plus					
		17,20		14,18	11,12	
2	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
ZB9RFZ	PowerPlex® Fusion 5C and 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZDLAPX	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
ZDX68J	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZH8E7E	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZHR7AX	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					

TABLE 2

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

Item 2 - STR Results

ZLFH94	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZMNPBW	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
ZTRU3F	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZX6CKW	Identifiler® Plus					
		17,20		14,18	11,12	
2	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
ZXZ7T2	PowerPlex® Fusion 5C, 6C					
	15,16	17,20	10,11	14,18	11,12	
2	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 3 - STR Results

22MUH9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
24QRNU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
27GDCW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
2AVM8U	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
2DXLK9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
2G9VGJ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
2LBDEC	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	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

2MJJJZ	PowerPlex® Fusion 5C,6C, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
2NF73J	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
2NYE8Y	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
2QVU8N	Identifiler® Plus					
	-	17,23	-	15,16	11	-
3	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
2QYB89	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
2RR8UG	GlobalFiler™ (STR MIX)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
2WTWQW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

2YGYP A	Identifiler® Plus					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
2YYFX6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
2YZ3YV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
322ZWN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
37BJ7V	PowerPlex® Fusion 6					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
3CFWWL	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3DAKDW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

3JEBW2	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
3MYAEQ	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
3NMVE8	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
3PJA3K	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
3JULYWE	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3VUBEG	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3W4CN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

3XV9VB	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
43ZLUK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
44KEVH	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
44YUXX	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
48JGY	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
4BZHXW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	NA
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	NA	NA	18,28.2	6,9	8,9
	17	NR	NA	NA	NR	
4D7CUB	Identifiler®					
	N/A	17,23	N/A	15,16	11,11	N/A
3	12,12	14,15	N/A	N/A	8,11	12,12
	17,20	13,15	29,30	N/A	X,X	11,12
	22,22	N/A	N/A	N/A	6,9	8,9
	17,17	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

4DDVZ8	Identifiler® Plus (GeneMapper ID-X)					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
4E3QDM	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
4FDR33	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR				
4HNDAG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
4LE3WD	Identifiler® Plus					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
4UDACE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
4V32NJ	Investigator® 24plex					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

629XYW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
66AVKW	PowerPlex® Fusion 5C & Fusion 6C, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
69WCAW	PowerPlex® Fusion (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17	NR				
6EHGV7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
6J9Q64	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
6K3LJZ	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
6KZY3L	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	NT
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	NT	NT	18,28.2	6,9	8,9
	17,17	NR	NT	NT	NR	

TABLE 2

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

Item 3 - STR Results

6NLMVY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
6PEMP4	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
6PUVRD	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
6Q6ULL	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
6Q9H4Z	GlobalFiler™ (STRMix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
6TEKA6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
6WTK6B	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

73JL7U	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
73YD2R	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
7CAGHC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7DX9UG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7FYCKH	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
7GWMFK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
7HFD3C	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

7HWYMR	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
7QHNZ2	GlobalFiler™ (GMID-X)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
7W92Y4	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
7ZEXQ6	Identifiler® Plus					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X	11,12
	22				6,9	8,9
	17					
8FM9V4	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
8KJXEY	Identifiler® Plus, PowerPlex® Fusion (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
8KW2T3	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

8ZMY8Q	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
93CX48	PowerPlex® 21 (STRmix)					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
984YRL	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
99YGBB	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
9AVUX3	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
9DEVVW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
9E4BXQ	PowerPlex® Fusion 5C & 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

9GDRCV	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9HLJAW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
9HMYFN	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9KP7YU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	NT
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	NT	NT	18,28.2	6,9	8,9
	17,17	NR	NT	NT	NR	
9MWJK3	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
9NPMYV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
9TNUPY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

9XHXAQ	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
9YDAFR	PowerPlex® Fusion 6C (Lab Retriever)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
A9XZD4	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
ABH7HT	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
ADNKBR	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
AHFN4W	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AKZPUC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

ALK4Q2	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
AUBXNK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AW3RU2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
AYUQ9Y	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	No Results			No Results	
B2TJGN	Identifiler®					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
B3ZU6R	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
B63XN2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

B72ZHC	Identifiler®					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
BD7TYM	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
BPCTMY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Results			No results	
BVLMH2	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
BWGD43	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
BWGHE6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
C3FLG9	PowerPlex® ESX 17 fast					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					

TABLE 2

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

Item 3 - STR Results

C6L4MR	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
C739AW	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
C7V7BB	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
C8AFMW	Identifiler® Plus, MiniFiler					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
C8TF8E	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
CBD4EZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
CDF9E8	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

CDWBDT	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
CFLQFN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
CFRW8K	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
CHDPXT	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
CNDCJ2	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	N/A
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	N/A	N/A	18,28.2	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
CRL7XY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
CU68WR	GlobalFiler™ (STRMIX)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

CU7ACY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
CUC6CX	Identifiler®					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
CVHTEG	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
CYUJR3	Identifiler®, Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	n/a
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	n/a	n/a	18,28.2	6,9	8,9
	17,17	n/a	n/a	n/a	n/a	
D264X4	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
D26YM2	PowerPlex® Fusion 6 C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
D6XZQB	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

D6ZRMX	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
D6ZTGW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DBDEP3	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
DGDZDW	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DGV37Q	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DH3FER	GlobalFiler™ Casework					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
DHL6X8	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

DJ33K6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
DJKDWJ	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DP9ZUA	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
DPDBR2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
DT9AZ6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
DVYXBQ	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
E3A8UY	PowerPlex® ES117 FAST					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					

TABLE 2

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

Item 3 - STR Results

E7CFJN	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
EBPPKD	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
EC38ZC	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
EFVK9T	PowerPlex® ESI-17 Fast					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
EJZKQK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
EKCQY2	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
EPA9HM	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17	NR				

TABLE 2

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

Item 3 - STR Results

ET67LK	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
EUZHRL	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	no result				
EVTHKQ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
F8X668	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
FAR8AG	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
FCBUJA	Identifiler® Plus					
	-	17,23	-	15,16	11	-
3	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
FHGJ6N	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

FRBH6B	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
FTZX3Y	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
FU8FZV	NGM (GeneMapper ID-X ver 1.2)					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22				6,9	
	17,17					
FV4TP9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No result			No result	
FVAWNU	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
FX7TLY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
FXEGFZ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

FYML4W	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
GBH679	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
GGJTBU	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	
GR3GP8	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
GJVJMM	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
GXBCKN	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

GZW8RN	GlobalFiler™ (STRmix)					
		14,15,16	16,17,22,23	11,12,13,14	14,15,16	10,11
	3	11,12	13,14,15	14,15,16	19,20,21	8,10,11
		16,17,19,20	13,14,15	28,29,30	10,11,14,15	X
		21,22			18,28.2	6,9
	16,17				8,9	
GZYQ6R	PowerPlex® Fusion					
		15,16	17,23	12,14	15,16	11
	3	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12		6,9
	17				8,9	
H2TW3X	GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	3	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22			18,28.2	6,9
	17				8,9	
H72MEW	PowerPlex® 21					
		15,16	17,23		15,16	11,11
	3	12,12	14,15		20,21	8,11
		17,20	13,15	29,30		X,X
		22,22	9,14	11,12		6,9
	17,17				8,9	
HA4NFT	Identifiler® Plus					
			17,23		15,16	11,11
	3	12,12	14,15			8,11
		17,20	13,15	29,30		X,X
		22,22				6,9
	17,17				8,9	
HAVAQQ	Identifiler® Plus, GlobalFiler™					
		15,16	17,23	12,14	15,16	11
	3	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X,X
		22			18,28.2	6,9
	17				8,9	
HURJZ9	PowerPlex® Fusion 5C, Fusion 6C					
		15,16	17,23	12,14	15,16	11
	3	12	14,15	15,16	20,21	8,11
		17,20	13,15	29,30	11,15	X
		22	9,14	11,12	18,28.2	6,9
	17				8,9	

TABLE 2

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

Item 3 - STR Results

J6G3RJ	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
J8NCUN	PowerPlex® ESI 17 Fast					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
JH6WG7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
JKVWDL	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
K2HYMH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
K3847P	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
K7WLCCG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

K9DZPP	PowerPlex® Fusion 6C, 16					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
KDNBK4	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Result			No Result	
KK6LX6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
KNDD9C	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
L4MVMD	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
L4ZMD9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
L7MR2Q	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

L9QU44	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	11,12	9,14	18,28.2	6,9	8,9
	17					
LAQZEW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
LARTC6						
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
LCRXVQ	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
LE4HWD	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
LEXK9V	Identifiler® Plus (DNA VIEW ver37.33)					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
LGTZWD	Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR				

TABLE 2

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

Item 3 - STR Results

LLVARK	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
LLXYVH	Identifiler® Plus, PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					
LNRYFT	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
LYQVFA	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
M4LE9E	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17	NR				
M9WY4J	PowerPlex® 21 (STRmix)					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
MAK69V	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

MALX74	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
MBYXEC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
MEYNQD	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
MKNLAE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
MMUN3J	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
MR6RYD	PowerPlex® Fusion 6C (Lab Retriever)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
MRK3KY	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	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 3 - STR Results

MTXP6Y	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
MVXRZ3	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	11,12	9,14	18,28.2	6,9	8,9
	17					
N69G9Y	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
NC7AGT	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
NECPVC	PowerPlex® Fusion 6C (Lab Retriever v2.2.1)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
NGJRXA	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
NLH4Z2	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

NLVXCV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
NPV98V	PowerPlex® 5C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					
NQ2KWJ	PowerPlex® ESI 17 Fast					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
NWCJKW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
NYYBKF	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
P4PVAG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
P8NW4P	PowerPlex® PP21					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

P8UKFW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
PAVQTG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PCLNQN	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
PDGDPB	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PKXYJF	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PMMD4J	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	[8],11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,[12]		6,9	8,9
	17					
PPVTPA	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

PQNE8L	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17	NR				
PT8F7E	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
PVPRTX	GlobalFiler™ (STRmix v2.4.06)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PW9B2B	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
PWTZCJ	Investigator® 24plex QS (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
PXK892	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
PYF3CH	PowerPlex® PP21					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

Q2EJLC	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
Q3Q89X	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
Q6XF9G	PowerPlex® ESI 17 FAST					
	15,16	17,23	[11],12,14	15,16		
3		14,15	15,16	20,21		12,12
	16,17,19,20,21	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
Q7B93J	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Results			No Results	
QATJF	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
QAU4ZA	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17	ND	ND	ND		
QB48GE	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	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 3 - STR Results

QFYP7R	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
QQEVNN	Identifiler®, Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	N/A
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	N/A	N/A	18,28.2	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
QQH48A	GlobalFiler™, MiniFiler					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	-			-	
QW67Z8	PowerPlex® Fusion 6C (TrueAllele)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
QXBQLL	GlobalFiler™, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
R4GL6L	Identifiler®, Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	N/A
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	N/A	N/A	18,28.2	6,9	8,9
	17,17	N/A	N/A	N/A	N/A	
R7UP24	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

R8486N	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
R8KJPF	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RGTXPV	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
RHHFEA	PowerPlex® Fusion 5C and 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	---	X	11,12
	22	9,14	11,12	18,28.2	6,9	---
	17					
RKAHFH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RLEYKE	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
RPFAC9	GlobalFiler™ 3500xL, Investigator® 24plex					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

RPKBT2	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
RQAXTH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RR6CGW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
RTM8GB	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RW2U7A	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
RW48KB	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
RX8Q2C	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

T74KWP	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
T8FWWK	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
T8XENR	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	--			--	
T9MWC7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TBD3TW	Identifiler® Plus					
	-	17,23	-	15,16	11	-
3	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
TD6YTC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TG3BJH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	No Result			No Result	

TABLE 2

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

Item 3 - STR Results

TG4CEG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TRYJYE	PowerPlex® ESI 17					
	15,16	17,23	12,14	15,16		
3		14,15	15,16	20,21		12,12
	17,(19),20	13,15	29,30	11,15	X,X	
	22,22			18,28.2	6,9	
	17,17					
TUVN7U	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
TVK7V9	PowerPlex® Fusion 6C, 5C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	INC
	17					
TVLF8J	Identifiler® Plus (STRmix)					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
TW4WFE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
TXQNVP	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

TZCDDG	PowerPlex® Fusion 6C, 16					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17	NR	NR	NR		
U638NM	Identifiler® Plus					
		17,23		15,16	11	
3	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
U8ENJE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UAJEN9	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17	NR				
UCJNGW	Identifiler® Plus					
	-	17,23	-	15,16	11	-
3	12	14,15	-	-	8,11	12
	17,20	13,15	29,30	-	X,X	11,12
	22	-	-	-	6,9	8,9
	17	-	-	-	-	
UEDH9Z	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UETQ9M	Identifiler® Id+					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

UJBUCC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UJPFLE	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
UKXMTM	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
ULCTE6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	Not Tested
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	Not Tested	Not Tested	18,28.2	6,9	8,9
	17	No Results	Not Tested	Not Tested	No Results	
ULY9WF	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
UU784W	PowerPlex® Fusion 5C, 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
UYHZGG	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

UZA6M9	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	
V4NXH9	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
V6Y82T	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
V87VNF	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
VGWE6A	PowerPlex® 21					
	15,16	17,23		15,16	11,11	12,14
3	12,12	14,15		20,21	8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
VKH224	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
VMYXKG	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

VX7KMF	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	17					
VXZF2B	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
W2LV94	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
W3MPHM	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
W89DF8	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
W9EW63	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	-
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	-	-	18,28.2	6,9	8,9
	17	NR	-	-	NR	
WEG2WL	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

WF3QLE	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
WRDLG4	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
WW2RX7	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
WWLCXC	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	No Results			No Results	
X776LD	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12		6,9	8,9
	17					
XAP8K7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
XBJN4U	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	

TABLE 2

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

Item 3 - STR Results

XF9EY6	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
XGNHQB	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X,X	11,12
	22			18,28.2	6,9	8,9
	17					
XMWR96	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
XQDDYR	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
XZ32UU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	-
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	-	-	18,28.2	6,9	8,9
	17,17	NR	-	-	NR	
Y4WB9Z	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
Y7786Q	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	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 3 - STR Results

Y7ARYK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Y8KRXZ	Identifiler®					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
YCDTXU	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
YCL2T8	Investigator® 24plex QS					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
YPBXV6	PowerPlex® Fusion 6C (Familias3 mRMP)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
YUPKWP	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
YXALQC	GlobalFiler™ (STRmix)					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	no results			no results	

TABLE 2

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

Item 3 - STR Results

YXRGLK	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Z24TV7	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Z4NTLL	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Z67LXG	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Z73ZKA	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
Z7ZCYP	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
Z8VLZY	GlobalFiler™					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

Z8ZBFC	PowerPlex® Fusion 5C					
	15,16	17,23	12,14	15,16	11	N/A
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	N/A	6,9	8,9
	17	N/A	N/A	N/A	N/A	
ZAXLXB	Identifiler® Plus					
		17,23		15,16	11,11	
3	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
ZB9RFZ	PowerPlex® Fusion 5C and 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
ZDLAPX	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
ZDX68J	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
3	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
ZH8E7E	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17	NR			NR	
ZHR7AX	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3 - STR Results

ZLFH94	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
ZMNPBW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
ZNMNU6	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
ZTRU3F	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					
ZX6CKW	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	17					
ZXZ7T2	PowerPlex® Fusion 5C, 6C					
	15,16	17,23	12,14	15,16	11	
3	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	9,14	11,12	18,28.2	6,9	8,9
	17					

TABLE 2

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

Item 3e - STR Results

288623	GlobalFiler™, Investigator® 24plex (tools forensic single sample module popstats, software CODIS v7.0)					
	15,16	17,23	12,14	15,16	11,11	
3e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22			18,28.2	6,9	8,9
	17,17					
AT69QH	GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
3e	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22			18,28.2	6,9	8,9
	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 3sp - STR Results

288623 GlobalFiler™, Investigator® 24plex (tools forensic single sample module popstats, software CODIS v7.0)

3sp	[Redacted]
	[Redacted]

AT69QH GlobalFiler™

3sp	[Redacted]
	[Redacted]
	[Redacted]
	[Redacted]
	[Redacted]

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

24QRNU	GlobalFiler™					
	15,16	17,20,[23]	10,11,[12,14]	14,[15,16],18	11,12	
4	8,12	10,14,[15]	14,15,[16]	18,[20,21]	8,11	9,12
	13,15,[17,20]	13,14,[15]	27,29,30	11,15,16	X,Y	10,11,12
	22,23			[18],28.2,30.2	6,7,[9]	8,9,11
	15,16,17	11			2	
9AVUX3	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
AW3RU2	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
B2TJGN	Identifiler®					
		17,20,23		14,15,16,18	11,12	
4	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
CRL7XY	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CUC6CX	Identifiler®					
		17,20,23		14,15,16,18	11,12	
4	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
EKCQY2	PowerPlex® F6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4 - STR Results

JKVWDL	PowerPlex® 21					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4	8,12	10,14,15		18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17					
PVPRTX	GlobalFiler™ (STRmix v2.4.06)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
Q6XF9G	PowerPlex® ESI 17 FAST					
	15,16	17,20,23	10,11,12,14	14,15,[16],18		
4		10,14,[15]	14,15,16	18,20,21		9,12
	13,15,17,[19],20	13,14,15	27,30	11,15,16	X,Y	
	[20],22,23			[17],18,[27],28.2,[29.2],30.2	6,7,9	
	15,16,17					
RX8Q2C	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
TG4CEG	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
TRYJYE	PowerPlex® ESI 17					
	15,16	17,20,(22,23)	10,11,(12,14)	14,(15,16),18		
4		10,14,(15)	14,15,(16)	18,18,(20,21)		9,12
	13,15,(17,19,20)	13,14,(15)	27,(29),30	(11,15),16,16	X,Y	
	(22),23,23			(17,18),28.2,(29.2),30.2	6,7,(9)	
	15,16,(17)					
UJPFLE	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,16,18	11,12	
4	8,12	10,14,15	14,15	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4 - STR Results

Y8KRXZ	Identifiler®					
		17,20,23		14,15,16,18	11,12	
4	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
YPBXV6	PowerPlex® Fusion 6C (LRMix Studio)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,29.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
ZDLAPX	GlobalFiler™					
	15,16	17,20	10,11,12,14	14,15,16,18	11,12	
4	8,12	10,14,15	14,15	18,20,21	8,11	9,12
	13,15	13,14,15	27,29,30	11,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

22MUH9	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
27GDCW	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
288623	GlobalFiler™, Investigator® 24plex (tools forensic single sample module popstats, software CODIS v7.0)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
2AVM8U	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
2DXLK9	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,17	11			2	
2G9VGJ	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
2LBDEC	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

2MJJJZ	PowerPlex® Fusion 5C,6C, Investigator® 24plex					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
2NF73J	GlobalFiler™					
	15,16	17,20,23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,[15]	[14],15,[16]	18,20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
2NYE8Y	GlobalFiler™					
	15,16	17,20,23	10,12,14	15,16,18	11	
4e	8,12	10,14,15	15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,17	11			2	
2QVU8N	Identifiler® Plus					
	-	17,20,23	-	14,15,16,18	11,12	-
4e	8,12	10,14,15	-	-	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	-	X,Y	10,11,12
	22,23	-	-	-	6,7,9	8,9,11
	15,16,17	-	-	-	-	
2QYB89	Identifiler® Plus (STRmix)					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
2RR8UG	GlobalFiler™ (STR MIX)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
2WTWQW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23,24			18,28.2,30.2	6,7,9	8,9,11
	15,17	11			2	

TABLE 2

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

Item 4e - STR Results

2YGYP	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
2YYFX6	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
2YZ3YV	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
322ZWN	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
37BJ7V	PowerPlex® Fusion 6					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
3CFWWL	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
3DAKDW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

3JEBW2	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
3MYAEQ	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
3NMVE8	Identifiler® Plus (STRmix)					
		17,20,23		15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	11,12
	22,23				6,7,9	8,9,11
	15,17					
3PJA3K	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
3JULYWE	PowerPlex® F6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3VUBEG	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
3W4CN	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

3XV9VB	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
43ZLUK	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9
	15,16,17	11			2	
44KEVH	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
44YUXX	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	14,15,16	18,20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	[11]			[2]	
48JGY	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
4BZHXW	GlobalFiler™					
	15,16	17,[20],23	[10,11],12,14	[14],15,16,[18]	11,[12]	NA
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	12
	[13,15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]	NA	NA	18,28.2,[30.2]	6,[7],9	8,9
	[15,16],17	11	NA	NA	2	
4D7CUB	Identifiler®					
	N/A	17,23	N/A	[14],15,16,[18]	11,[12]	N/A
4e	[8],12	[10],14,15	N/A	N/A	8,11	[9],12
	[15],17,20	13,[14],15	[27],29,30	N/A	X	11,12
	22,[23]	N/A	N/A	N/A	6,9	8,9,[11]
	17	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 4e - STR Results

4DDVZ8	Identifiler® Plus (GeneMapper ID-X)					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
4E3QDM	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
4HNDAG	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
4LE3WD	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
4UDACE	GlobalFiler™					
	15,16	17,[20],23	[10,11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13,15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15,16],17	[10],11			[2]	
4V32NJ	Identifiler®, Investigator® 24plex (STRmix)					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11				
629XYW	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

66AVKW	PowerPlex® Fusion 5C & Fusion 6C, Investigator® 24plex					
	15,16	17,20,23	11,12,14	14,15,16	11	
4e	12	10,14,15	14,15,16	18,20,21	8,11	9,12
	17,20	13,14,15	29,30	11,15,16	X,Y	11,12
	22	9,14	11	18,28.2,30.2	6,7,9	8,9,11
	15,16,17					
69WCAW	PowerPlex® Fusion (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17	11				
6EHGV7	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
6J9Q64	Investigator® 24plex QS (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15,16	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11				
6K3LJZ	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
6KZY3L	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	NT
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	NT	NT	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	NT	NT	2	
6NLMVY	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	(14),15,16,(18)	11,(12)	
4e	8,12	(10),14,15	(14),15,16	18,20,21	8,11	(9),12
	13,15,17,20	13,(14),15	(27),29,30	11,15,(16)	X,(Y)	(10),11,12
	22,23			18,28.2,(30.2)	6,7,9	8,9,(11)
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

6PEMP4	Investigator® 24plex QS (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11				
6PUVRD	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
6Q6ULL	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
6Q9H4Z	GlobalFiler™ (STRMix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
6TEKA6	PowerPlex® Fusion 6C					
	15,16	17,23#	12,14#	15,16#	11#	
4e	12#	14,15#	15,16#	20,21#	8,11	12#
	17,20#	13,15#	29,30#	11,15#	X	11,12#
	22#	9,14#	11,12#	18,28.2#	6,9#	8,9#
	17#	NR#	NR#	NR#		
6WTK6B	GlobalFiler™					
	15,16	17,[20],[23]	10,11,[12],14	14,15,16,18	11,[12]	
4e	8,12	[10],14,[15]	14,15,[16]	18,20,[21]	8,11	[9],12
	13,15,17,20	13,[14],[15]	[27],29,30	[11],[15],16	X,[Y]	10,[11],12
	22,23			[18],28.2,[30.2]	6,7,[9]	8,9,[11]
	15,16,17	11			2	
73JL7U	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

73YD2R	PowerPlex® Fusion 6C					
	15,16	17,23	[10],[11],12,14	15,16,[18]	11	
4e	12	14,15	15,16	[18],20,21	8,11	12
	[13],[15],17,20	13,15	29,30	11,15	X,[Y]	11,12
	22,[23]	9,14	11,12,[13]	18,28.2,[30.2]	6,[7],9	8,9
	[15],17			[18]		
7CAGHC	GlobalFiler™					
	15,16	[16],17,20,23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
7DX9UG	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,[12]	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,[Y]	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
7FYCKH	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
7GWMFK	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
7HFD3C	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
7HWYMR	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

7QHNZ2	GlobalFiler™ (GMID-X)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
7W92Y4	PowerPlex® Fusion 6C					
	15,16^	17,20^,23^	10^,11^,12^,14	14^,15,16^	11,12^	
4e	8^,12^	10^,14^,15^	14^,15,16^	18^,20^	8^,11	9^,12
	13^,15^,17^,20^	13,15^	29^,30	11,15^,16^	X,Y^	11^,12
	22,23	9^,14^	11,12,13^	18^,28.2,30.2^	6,7^,9^	8,9
	15^,16^,17	11	18	NR		
7ZEXQ6	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
8FM9V4	GlobalFiler™					
	15,16	17,20,[23]	10,11,[12],[14]	14,15,16,18	11,12	
4e	8,12	10,14,[15]	14,15,16	18,20,21	8,11	9,12
	13,15,[17],[20]	13,14,15	27,[29],30	[11],[15],16	X,Y	10,[11],12
	22,23			18,28.2,30.2	6,7,[9]	8,[9],11
	15,16,17	11			2	
8KJXEV	Identifiler® Plus, PowerPlex® Fusion (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
8KW2T3	Investigator® 24plex QS (STRmix for SF only)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,9	8,9,11
	15,17	11				
8ZMY8Q	PowerPlex® Fusion 6C					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	15,16	[18],20,21	8,11	12
	[13],17,20	13,[14],15	29,30	11,15,[16]	X,[Y]	11,12
	22,[23]	9,[12],14	11,12,[13]	18,28.2,[30.2]	6,9	8,9,[11]
	[15],[16],17	[11]	[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 4e - STR Results

93CX48	PowerPlex® 21 (STRmix)					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4e	8,12	10,14,15		18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9
	15,16,17					
984YRL	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,17	11			2	
99YGBB	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
9DEVVW	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
9E4BXQ	PowerPlex® Fusion 5C & 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
9GDRCV	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
9HLJAW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

9HMYFN	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
9KP7YU	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	NT
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	NT	NT	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	NT	NT	2	
9MWJK3	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
9NPMYV	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
9TNUPY	GlobalFiler™					
	15,16	17,[20],23	10,11,12,14	[14],15,16,[18]	11,[12]	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,23			18,28.2,[30.2]	6,7,9	8,9,[11]
	[15],[16],17	11			2	
9XHAQ	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
9YDAFR	PowerPlex® Fusion 6C (Lab Retriever)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

A9XZD4	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
ABH7HT	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
ADNKBR	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
AHFN4W	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
AKZPUC	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
ALK4Q2	GlobalFiler™, MiniFiler					
	15,16	17,20,23	11,12,14	15,16	11	
4e	8,12	10,14,15	15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2	6,7,9	8,9
	17	no results			no results	
AT69QH	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

AUBXNK	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
AYUQ9Y	GlobalFiler™					
	15,16	17,20,[23]	10,11,[12,14]	14,[15,16],18	11,12	
4e	8,[12]	10,14,[15]	14,15,[16]	18,20,21	8,11	9,12
	13,15,[17,20]	13,14,[15]	27,29,30	11,15,16	X,Y	10,[11],12
	[22],23			18,28.2,30.2	6,7,[9]	8,[9],11
	15,16,17	11			2	
B3ZU6R	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
B63XN2	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
B72ZHC	Identifiler®					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
BD7TYM	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,17	11			2	
BPCTMY	GlobalFiler™					
	15,16	17,23	11,12,14	14,15,16	11,12	
4e	8,12	14,15	15,16	18,20,21	8,11	9,12
	15,17,20	13,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2	6,7,9	8,9
	17	11			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 4e - STR Results

BVLMH2	Identifiler® Plus (STRmix)					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
BWGD43	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
BWGHE6	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
C3FLG9	PowerPlex® ESX 17 fast					
	15,16	17,20,23	10,11,12,14	14,15,16,18		
4e		10,14,15	14,15,16	18,20,21		9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	
	22,23			18,28,2,30.2	6,7,9	
	15,16,17					
C6L4MR	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
C739AW	Investigator® 24plex QS (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11				
C7V7BB	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	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

C8AFMW	Identifiler® Plus, MiniFiler					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,17					
C8TF8E	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CBD4EZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
CDF9E8	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
CDWBDT	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
CFLQFN	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22			18,28,2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CFRW8K	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28,2,30.2	6,7,9	8,9,11
	15,17	11			2	

TABLE 2

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

Item 4e - STR Results

CHDPXT	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CNDCJ2	Investigator® 24plex QS					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	N/A
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	N/A	N/A	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	N/A	N/A	N/A	
CU68WR	GlobalFiler™ (STRMIX)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CU7ACY	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CVHTEG	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
CYUJR3	Identifiler®, Investigator® 24plex QS					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	n/a
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	n/a	n/a	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	n/a	n/a	n/a	
D264X4	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 4e - STR Results

D26YM2	PowerPlex® Fusion 6 C					
	15,16	17,[20],23	[10,11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13,15],17,20	13,15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]	9,[12],14	11,12,[13]	18,28.2	6,[7],9	8,9,[11]
	[15,16],17	[11]	[18]	[18]		
D6XZQB	Identifiler® Plus					
		17,23		15,16	11,11	
4e	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
D6ZRMX	PowerPlex® Fusion					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15,[16]	X	11,12
	22,22	9,14	11,12		6,9	8,9
	17,17					
D6ZTGW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
DBDEP3	PowerPlex® Fusion					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11	
4e	8,12	14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,14	11,12	18,28.2	6,7,9	8,9
	17	11				
DGDZDW	Investigator® 24plex QS (STRmix)					
	14,15,16	17,20,23	10,11,12,14	14,15,16,18	10,11,12	
4e	8,12	10,14,15,16	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,28,29,30	11,15,16	X,Y	10,11,12
	21,22,23			17,18,27.2,28.2,30.2	6,7,9	8,9,11
	15,16,17	11				
DGV37Q	GlobalFiler™					
	15,16	17,20,[23]	10,11,[12],[14]	14,[15],16,18	11,[12]	
4e	8,12	10,14,[15]	[14],15,[16]	18,[20],[21]	8,11	[9],12
	13,15,17,20	13,[14],[15]	27,29,30	[11],[15],16	X,[Y]	10,11,12
	22,23			18,28.2,30.2	6,[7],[9]	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

DH3FER	GlobalFiler™ Casework					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
DHL6X8	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
DJ33K6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
DJKDWJ	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
DP9ZUA	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
DPDBR2	GlobalFiler™					
	15,16	17,[20],[23]	10,11,12,14	14,15,16,[18]	11,[12]	
4e	8,12	[10],14,[15]	[14],15,[16]	18,[20],[21]	8,11	[9],12
	[13],15,17,20	13,[14],[15]	27,[29],30	[11],[15],16	X,[Y]	[10],[11],12
	22,23			[18],28.2,[30.2]	6,[7],[9]	8,[9],[11]
	[15],[16],17	11			2	
DT9AZ6	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 4e - STR Results

DVYXBQ	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
E3A8UY	PowerPlex® ESI17 FAST					
	15,16	17,20,23	10,11,12,14	14,15,16,18		
4e		10,14,15	14,15,16	18,20,21		9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	
	22,23			18,28.2,30.2	6,7,9	
	15,16,17					
E7CFJN	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
EBPPKD	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
EC38ZC	GlobalFiler™					
	15,16	17,20,23	[10],[11],12,14	14,15,16,18	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	13,15,17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,7,9	8,9,[11]
	15,16,17	11			2	
EFVK9T	PowerPlex® ESI-17 Fast					
	15,16	17,20,23	10,11,12,14	14,15,16,18		
4e		10,14,15	14,15,16	18,20,21		9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	
	22,23			18,28.2,30.2	6,7,9	
	15,16,17					
EJZKQK	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

EPA9HM	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,[20],23	[10,11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,11	[9],12
	[13,15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,23	9,[12],14	11,12,[13]		6,[7],9	8,9,[11]
	[15,16],17	[11]				
ET67LK	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9
	[15],[16],17	[11]			[2]	
EUZHRL	Investigator® 24plex QS					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,17	11				
EVTHKQ	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,29.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
F8X668	GlobalFiler™					
	15,16	17,20,23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	[9],12
	[13],[15],17,20	13,14,15	27,29,30	11,15,16	X,[Y]	[10],11,12
	22,23			18,28.2,[30.2]	6,[7],9	8,9,[11]
	15,16,17	11			2	
FAR8AG	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
FCBUJA	Identifiler® Plus					
	-	17,20,23	-	14,15,16,18	11,12	-
4e	8,12	10,14,15	-	-	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	-	X,Y	10,11,12
	22,23	-	-	-	6,7,9	8,9,11
	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

FHGJ6N	GlobalFiler™ (STRmix)					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23			18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11			2	
FRBH6B	PowerPlex® Fusion 6C					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11	18	18		
FTZX3Y	GlobalFiler™ (STRmix)					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23			18,28.2,30.2	6,7,9 8,9,11
	15,17	NR			2	
FU8FZV	NGM (GeneMapper ID-X ver 1.2)					
		15,16	17,20,23	10,11,12,14	14,15,16,18	
	4e		10,14,15	14,15,16	18,20,21	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y
		22,23				6,7,9
	15,16,17					
FV4TP9	GlobalFiler™					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23			18,28.2,30.2	6,7,9 8,9,11
	15,17	11			2	
FVAWNU	Investigator® 24plex QS (STRmix)					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23			18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11				
FX7TLY	GlobalFiler™					
		15,16	17,[20],23	10,[11],12,14	[14],15,16,[18]	11,[12]
	4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,11 [9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y] [10],11,12
		22,[23]			18,28.2,[30.2]	6,[7],9 8,9,[11]
	[15],[16],17	11			2	

TABLE 2

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

Item 4e - STR Results

FXEGFZ	PowerPlex® Fusion 6C						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23	9,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18			
FYML4W	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
GANE4Z	GlobalFiler™						
		15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
		22,23			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	[11]			[2]		
GBH679	PowerPlex® Fusion 6C						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18			
GGJTBU	GlobalFiler™ (STRmix)						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
GR3GP8	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	15,16,18	11	
	4e	8,12	10,14,15	15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,17	11			2		
GVJAMM	GlobalFiler™ (STRmix)						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		

TABLE 2

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

Item 4e - STR Results

GXBCKN	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
GZW8RN	GlobalFiler™ (STRmix)						
		14,15,16,Q	17,20,23,Q	10,11,12,14	14,15,16,18	10,11,12,Q	
	4e	8,12,Q	10,14,15,Q	14,15,16,Q	18,20,21,Q	8,11,Q	12,Q
		15,17,20,Q	13,14,15,Q	29,30,Q	11,15,16,Q	X,Y	10,11,12,Q
		22,23,Q			18,Q	6,7,Q	8,9,Q
	16,17,Q				2		
GZYQ6R	PowerPlex® Fusion						
		15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,[11]	[9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
		22,[23]	9,[12],14	11,12,[13]		6,[7],[9]	8,9,[11]
	[15],[16],17	11					
H2TW3X	GlobalFiler™						
		15,16	17,20,[23]	10,[11],[12],[14]	14,[15],[16],18	11,[12]	
	4e	8,12	[10],14,[15]	14,15,[16]	18,[20],[21]	8,11	[9],12
		13,15,[17],[20]	13,[14],[15]	[27],[29],30	[11],[15],16	X,[Y]	[10],[11],12
		[22],23			[18],28.2,[30.2]	6,[7],[9]	8,[9],[11]
	15,16,17	11			2		
H72MEW	PowerPlex® 21 (STRmix)						
		15,16	17,20,23		14,15,16,18	11,12	11,12,14
	4e	8,12	10,14,15		18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
		22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17						
HA4NFT	Identifiler® Plus						
			17,23		15,16	11,11	
	4e	12,12	14,15			8,11	12,12
		17,20	13,15	29,30		X,X	11,12
		22,22				6,9	8,9
	17,17						
HAVAQQ	Identifiler® Plus, GlobalFiler™ (eDNA BULLET)						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		

TABLE 2

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

Item 4e - STR Results

HURJZ9	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
J6G3RJ	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
J8NCUN	PowerPlex® ESI 17 Fast					
	15,16	17,20,23	10,11,12,14	14,15,16,18		
4e		10,14,15	14,15,16	18,20,21		9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	
	22,23			18,28.2,30.2	6,7,9	
	15,16,17					
JH6WG7	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	[11]			[2]	
K2HYMH	GlobalFiler™					
	15,16	17,[20],[23]	10,11,12,[14]	14,15,16,18	11,[12]	
4e	8,12	[10],14,[15]	[14],15,[16]	18,[20],[21]	8,11	[9],12
	13,15,17,20	13,[14],[15]	[27],[29],30	[11],[15],16	X,[Y]	[10],[11],12
	22,23			[18],28.2,[30.2]	6,[7],[9]	8,[9],[11]
	15,[16],17	11			2	
K3847P	PowerPlex® Fusion 6C					
	15,16	17,23#	12,14#	15,16#	11#	
4e	12#	14,15#	15,16#	20,21#	8,11	12#
	17,20#	13,15#	29,30#	11,15#	X#	11,12#
	22#	9,14#	11,12#	18,28.2#	6,9#	8,9#
	17#	NR#	NR#	NR#		
K7WLCCG	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

K9DZPP	PowerPlex® Fusion 6C, 16					
	15,16^	17,23#	12,14#	15,16^#	11#	
4e	12#	14,15^#	15,16#	20^,21^#	8,11	12#
	17^,20^#	13,15^#	29,30#	11,15#	X#	11,12#
	22#	9,14	11,12#	18,28.2#	6^,9^#	8,9#
	17#	NR#	NR#	NR#		
KDNBK4	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
KK6LX6	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
KNDD9C	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	[10],11	18	18		
L4MVMD	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
L4ZMD9	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	14,15,16	18,20,21	8,11	[9],12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,[Y]	[10],11,12
	22,23			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
L7MR2Q	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	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

L9QU44	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
4e	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	11,12	9,14	18,28.2	6,9	8,9
	17					
LAQZEW	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
LARTC6	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
LCRXVQ	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
LE4HWD	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	8,12	10,14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,23			18,28.2,[30.2]	6,7,9	8,9,[11]
	[15],[16],17	[11]			[2]	
LEXK9V	Identifiler® Plus (DNA VIEW ver37.33)					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
LGTZWD	Investigator® 24plex					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

LLVARK	Investigator® 24plex QS					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11				
LLXYVH	Identifiler® Plus, PowerPlex® Fusion 5C					
	14,15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,11,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17	11				
LNRYFT	PowerPlex® 21 (STRmix)					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4e	8,12	10,14,15		18,20,21	8,11	12
	13,15,17,20	13,14,15	27,29,30		X,Y	11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17					
LYQVFA	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,[12],14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
M4LE9E	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17	11				
M9WY4J	PowerPlex® 21 (STRmix)					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4e	8,12	10,14,15		18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17					
MAK69V	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					

TABLE 2

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

Item 4e - STR Results

MALX74	GlobalFiler™					
	15,16	17,[20],23	10,11,12,14	14,15,16,[18]	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	[9],12
	13,15,17,20	13,14,15	[27],29,30	11,15,16	X,[Y]	10,11,12
	22,23			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],16,17	[11]			2	
MBYXEC	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
MEXNQD	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
MKNLAE	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
MMUN3J	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
MR6RYD	PowerPlex® Fusion 6C (Lab Retriever)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
MRK3KY	PowerPlex® Fusion 5C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17	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 4e - STR Results

MTXP6Y	PowerPlex® Fusion					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
MVXRZ3	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,23	12,14	15,16	11	
4e	12	14,15	15,16	20,21	8,11	12
	17,20	13,15	29,30	11,15	X	11,12
	22	11,12	9,14	18,28.2	6,9	8,9
	17					
N69G9Y	PowerPlex® F6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
NC7AGT	PowerPlex® F6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
NECPVC	PowerPlex® Fusion 6C (Lab Retriever v2.2.1)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
NGJRXA	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
NLH4Z2	PowerPlex® Fusion 6C					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]	9,[12],14	11,12,[13]	18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],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 4e - STR Results

NLVXCV	PowerPlex® Fusion 6C						
		15,16	17,23	12,14	15,16	11,11	
	4e	12,12	14,15	15,16	20,21	8,11	12,12
		17,20	13,15	29,30	11,15	X,X	11,12
		22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17						
NPV98V	PowerPlex® 5C						
		15,16	17,[20],23	[10,11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,11	[9],12
		[13,15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
		22,[23]	9,[12],14	11,12,[13]		6,[7],9	8,9,[11]
	[15,16],17	11					
NQ2KWJ	PowerPlex® ESI 17 Fast						
		15,16	17,20,[23]	10,11,[12],[14]	14,[15],[16],18		
	4e		10,14,[15]	14,15,[16]	18,18,[20],[21]		9,12
		13,15,[17],[20]	13,14,[15]	27,[29],30	[11],[15],16,16	X,Y	
		[22],23,23			[18],28.2,30.2	6,7,[9]	
	15,16,[17]						
NWCJKW	GlobalFiler™						
		15,16	17,20,23	[10,11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
		[13,15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
		22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],17	[11]			[2]		
NYYBKF	GlobalFiler™ (STRmix)						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
P4PVAG	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
P8NW4P	PowerPlex® PP21 (strmix)						
		15,16	17,20,23		14,15,16,18	11,12	11,12,14
	4e	8,12	10,14,15		18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30		X,Y	11,12
		22,23	9,12,14	11,12,13		6,7,9,[9.3]	8,9,11
	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

P8UKFW	PowerPlex® Fusion 6C						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18			
PAVQTG	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
PCLNQN	PowerPlex® Fusion 6C (STRmix)						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18			
PDGDPB	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
PKXYJF	GlobalFiler™						
		15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,11	[9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	[15],[16],17	11			2		
PMMD4J	PowerPlex® Fusion						
		15,16	17,[20],23	[10,11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
		[15],17,20	13,15	29,30	11,15,[16]	X,[Y]	[10],11,12
		22,[23]	9,14	11,12		6,[7],9	8,9
	[16],17						
PPVTPA	PowerPlex® Fusion 6C						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

PQNE8L	PowerPlex® Fusion 5C					
	15,16	17,23	[10],[11],12,14	[14],15,16	11	
4e	[8],12	14,15	15,16	[18],20,21	8,11	[9],12
	17,20	13,15	29,30	11,15,[16]	X	11,12
	22	9,14	11,12		6,9	8,9
	17	NID				
PT8F7E	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
PW9B2B	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
PWTZCJ	Investigator® 24plex QS (STRmix)					
	14,15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15,16	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			17,18,27.2,28.2,30.2	6,7,9	8,9,11
	15,16,17	11				
PXK892	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,11,[12]	
4e	[8],12,12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12,12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,X,[Y]	[10],11,12
	22,22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17,17	11			2	
PYF3CH	PowerPlex® PP21					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4e	8,12	10,14,15		18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17					
Q2EJLC	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

Q3Q89X	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
Q7B93J	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
QATJF	PowerPlex® 21 (STRmix)					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4e	8,12	10,14,15		18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17					
QAU4ZA	PowerPlex® Fusion 6C					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]	9,[12],14	11,12,[13]	18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	[11]	[18]	[18]		
QB48GE	PowerPlex® Fusion 5C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17	11				
QFYP7R	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
QQEVNN	Identifiler®, Investigator® 24plex QS					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	N/A
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	N/A	N/A	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

QQH48A	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
QW67Z8	PowerPlex® Fusion 6C (TrueAllele)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
QXBQLL	GlobalFiler™, Investigator® 24plex					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
R4GL6L	Identifiler®, Investigator® 24plex QS					
	15,16	17,20,23	11,12,14	14,15,16,18	11,12	N/A
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	N/A	N/A	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	N/A	N/A	N/A	
R7UP24	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,[13]	18,28.2,[30.2]	6,7,9	8,9,11
	15,16,17	11	[18]	18		
R8486N	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
R8KJPF	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

RGTXPV	PowerPlex® Fusion 6C						
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12		
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12	
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11	
	15,16,17	11	18	18			
RHHFEA	PowerPlex® Fusion 5C and 6C						
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12		
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12	
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11	
	15,16,17	11	18	18			
RKAHFH	GlobalFiler™						
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]		
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12	
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]	
	[15],[16],17	11		2			
RLEYKE	Identifiler® Plus						
		17,20,23		14,15,16,18	11,12		
	4e	8,12	10,14,15		8,11	9,12	
	13,15,17,20	13,14,15	27,29,30		X,X,Y	10,11,12	
	22,23				6,7,9	8,9,11	
	15,16,17						
RPFAC9	GlobalFiler™ 3500xL, Investigator® 24plex						
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12		
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12	
	22,23			18,28.2,30.2	6,7,9	8,9,11	
	15,16,17	11		2			
RPKBT2	GlobalFiler™						
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12		
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12	
	22,23			18,28.2,30.2	6,7,9	8,9,11	
	15,16,17	11		2			
RQAXTH	GlobalFiler™						
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]		
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12	
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]	
	[15],[16],17	11		2			

TABLE 2

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

Item 4e - STR Results

RR6CGW	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
RTM8GB	GlobalFiler™					
	15,16	17,[20],[23]	10,[11],12,14	14,15,16,18	11,[12]	
4e	[8],12	[10],14,[15]	[14],15,[16]	18,20,21	8,11	[9],12
	[13],[15],[17],20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],[9]	8,9,[11]
	[15],[16],17	11			2	
RW2U7A	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
RW48KB	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
T74KWP	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
T8FWWK	Identifiler® Plus (STRmix)					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
T8XENR	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	(10),11,12
	22,23			18,28.2,(30.2)	6,7,9	8,(9),(11)
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

T9MWC7	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
TBD3TW	Identifiler® Plus					
	-	17,20,23	-	14,15,16,18	11,12	-
4e	8,12	10,14,15	-	-	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	-	X,Y	10,11,12
	22,23	-	-	-	6,7,9	8,9,11
	15,16,17	-	-	-	-	
TD6YTC	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
TG3BJH	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	[11]			[2]	
TUVN7U	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
TVK7V9	PowerPlex® Fusion 6C, 5C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,17	11	18	18		
TVLF8J	Identifiler® Plus (STRmix)					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	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

TW4WFE	GlobalFiler™					
	15,16	17,(20),23	(10),(11),12,14	(14),15,16,(18)	11,(12)	
4e	(8),12	(10),14,15	14,15,16	(18),20,21	8,11	(9),12
	(13),(15),17,20	13,(14),15	(27),29,30	11,15,16	X,(Y)	(10),11,12
	22,23			18,28.2,(30.2)	6,7,9	8,9,(11)
	(15),(16),17	11			2	
TXQNVP	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
TZCDDG	PowerPlex® Fusion 6C, 16					
	15,16	17,23#	12,14#	15,16#	11#	
4e	12#	14,15#	15,16#	20,21#	8,11	12#
	17,20#	13,15#	29,30#	11,15#	X#	11,12#
	22#	9,14#	11,12#	18,28.2#	6,9#	8,9#
	17#	NR#	NR#	NR#		
U638NM	Identifiler® Plus					
		17,23		15,16	11	
4e	12	14,15			8,11	12
	17,20	13,15	29,30		X,X	11,12
	22				6,9	8,9
	17					
U8ENJE	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
UAJEN9	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17	11				
UCJNGW	Identifiler® Plus					
	-	17,20,23	-	14,15,16,18	11,12	-
4e	8,12	10,14,15	-	-	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	-	X,Y	10,11,12
	22,23	-	-	-	6,7,9	8,9,11
	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

UEDH9Z	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
UETQ9M	Identifiler® Id+					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
UJBUCC	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
UKXMTM	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
ULCTE6	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	Not Tested
4e	8,[12]	10,14,[15]	14,15,[16]	18,[20],[21]	8,11	9,12
	13,15,17,20	13,[14],[15]	27,29,30	[11],[15],16	X,[Y]	10,11,12
	22,23	Not Tested	Not Tested	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	Not Tested	Not Tested	2	
ULY9WF	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
UU784W	PowerPlex® Fusion 5C, 6C					
	15,16	17,20,23	10,11,12,14	15,16,18	11	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

UYHZGG	Investigator® 24plex QS					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11				
UZA6M9	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
V4NXH9	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
V6Y82T	Identifiler® Plus					
		17,23		15,16	11,11	
4e	12,12	14,15			8,11	12,12
	17,20	13,15	29,30		X,X	11,12
	22,22				6,9	8,9
	17,17					
V87VNF	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
VGWE6A	PowerPlex® 21 (STRMix)					
	15,16	17,20,23		14,15,16,18	11,12	11,12,14
4e	8,12	10,14,15		18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23	9,12,14	11,12,13		6,7,9	8,9,11
	15,16,17					
VKH224	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4e - STR Results

VMYXKG	GlobalFiler™ (STRmix)						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
VX7KMF	Investigator® 24plex QS						
		15,16	17,[20],23	[10],[11],12,14	15,16	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
		22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],17	11					
VXZF2B	GlobalFiler™						
		15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
	4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
		22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15,16],17	[11]			[2]		
W2LV94	GlobalFiler™						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2		
W3MPHM	PowerPlex® Fusion 6C						
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18			
W89DF8	GlobalFiler™						
		15,16	17,20,[23]	10,11,[12],[14]	14,[15],[16],18	11,[12]	
	4e	8,[12]	10,14,[15]	14,15,[16]	18,[20],[21]	8,11	[9],12
		13,15,[17],[20]	13,14,[15]	27,[29],30	[11],[15],16	X,Y	10,[11],12
		[22],23			[18],28.2,30.2	6,7,[9]	8,[9],[11]
	15,16,17	11			2		
W9EW63	GlobalFiler™						
		15,16	17,[20],23	10,11,12,14	14,15,16,[18]	11,[12]	-
	4e	[8],12	[10],14,15	14,15,16	18,20,21	8,11	[9],12
		[13],[15],17,20	13,14,15	[27],29,30	11,15,16	X,[Y]	[10],11,12
		22,[23]	-	-	18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11	-	-	2		

TABLE 2

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

Item 4e - STR Results

WEG2WL	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,X,Y	10,11,12
	22,23				6,7,9	8,9,11
	15,16,17					
WF3QLE	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
WRDLG4	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
WW2RX7	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
WWLCXC	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
X776LD	PowerPlex® Fusion					
	15,16	17,[20],23	[10],11,12,14	14,15,16,18	11,[12]	
4e	[8],12	[10],14,[15]	[14],15,16	18,20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,23	9,[12],14	[11],12,[13]		6,[7],9	8,9,[11]
	[15],[16],17	11				
XAP8K7	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

XBJN4U	GlobalFiler™					
		15,16	17,23	10,11,12,14	15,16	11
	4e	8,12	14,15	14,15,16	18,20,21	8,11 12
		15,17,20	13,14,15	29,30	11,15,16	X 11,12
		22,23			18,28.2	6,7,9 8,9
	17	NR			NR	
XF9EY6	GlobalFiler™ (STRmix)					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23			18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11			2	
XGNHQB	GlobalFiler™					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23			18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11			2	
XMWR96	PowerPlex® Fusion 6C					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11	18	18		
XQDDYR	PowerPlex® F6C					
		15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]
	4e	[8],12	[10],14,15	15,16	[18],20,21	8,11 [9],12
		[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y] [10],11,12
		22,[23]	9,[12],14	11,12,[13]	18,28.2,[30.2]	6,[7],9 8,9,[11]
	[15],17	[11]	[18]	[18]		
XZ32UU	GlobalFiler™					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12 -
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23	-	-	18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11	-	-	2	
Y4WB9Z	PowerPlex® Fusion 6C, GlobalFiler™					
		15,16	17,20,23	10,11,12,14	14,15,16,18	11,12
	4e	8,12	10,14,15	14,15,16	18,20,21	8,11 9,12
		13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y 10,11,12
		22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9 8,9,11
	15,16,17	11	18	18	2	

TABLE 2

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

Item 4e - STR Results

Y7786Q	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
Y7ARYK	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	18,20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
YCDTXU	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
YUPKWP	PowerPlex® F6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
YXALQC	GlobalFiler™ (STRmix)					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
YXRGLK	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	[8],12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,[16]	X,[Y]	[10],11,12
	22,[23]			18,28.2,[30.2]	6,[7],9	8,9,[11]
	[15],[16],17	11			2	
Z24TV7	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	

TABLE 2

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

Item 4e - STR Results

Z4NTLL	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
Z67LXG	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
Z73ZKA	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
Z7ZCYP	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
Z8VLZY	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
Z8ZBFC	PowerPlex® Fusion 5C					
	15,16	17,(20),23	(10),(11),12,14	(14),15,16,(18)	11	N/A
4e	(8),12	(10),14,15	(14),15,16	18,20,21	8,11	(9),12
	(13),(15),17,20	13,(14),15	(27),29,30	11,15,(16)	X,(Y)	(10),11,12
	22,(23)	9,(12),14	11,12,(13)	N/A	6,(7),9	8,9,(11)
	(15),(16),17	11	N/A	N/A	N/A	
ZAXLXB	Identifiler® Plus					
		17,20,23		14,15,16,18	11,12	
4e	8,12	10,14,15			8,11	9,12
	13,15,17,20	13,14,15	27,29,30		X,Y	10,11,12
	22,23				6,7,9	8,9,11
	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

ZB9RFZ	PowerPlex® Fusion 5C and 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
ZDX68J	PowerPlex® Fusion 6C					
	15,16	17,23	12,14	15,16	11,11	
4e	12,12	14,15	15,16	20,21	8,11	12,12
	17,20	13,15	29,30	11,15	X,X	11,12
	22,22	9,14	11,12	18,28.2	6,9	8,9
	17,17					
ZH8E7E	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,17	11	18	18		
ZHR7AX	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
ZLFH94	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
ZMNPBW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
ZNMNU6	GlobalFiler™					
	15,16	17,[20],23	[10],[11],12,14	[14],15,16,[18]	11,[12]	
4e	8,12	[10],14,15	[14],15,16	[18],20,21	8,11	[9],12
	[13],[15],17,20	13,[14],15	[27],29,30	11,15,16	X,[Y]	[10],11,12
	22,23			18,28.2,[30.2]	6,7,9	8,9,[11]
	[15],[16],17	11			2	

TABLE 2

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

Item 4e - STR Results

ZTRU3F	PowerPlex® F6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11	18	18		
ZX6CKW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
ZXZ7T2	PowerPlex® Fusion 5C, 6C					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4e	8,12	10,14,15	14,15,16	18,20,21	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	11,15,16	X,Y	10,11,12
	22,23	9,12,14	11,12,13	18,28.2,30.2	6,7,9	8,9,11
	15,16,17	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 4sp - STR Results

22MUH9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,*	6,7	8,11
	15,16	11			2	
27GDCW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
288623	GlobalFiler™, Investigator® 24plex (tools forensic single sample module popstats, software CODIS v7.0)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
2AVM8U	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2DXLK9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2G9VGJ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11,[12],[14]	14,18	11,12	
4sp	8,[12]	10,14,[15]	14,15	18,[21]	8,11	9,12
	13,15,[20]	13,14,[15]	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7,[9]	8,[9],11
	15,16	11	18	18		
2LBDEC	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

2MJJJZ	PowerPlex® Fusion 5C,6C, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
2NF73J	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2NYE8Y	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2QVU8N	Identifiler® Plus					
	-	17,20	-	14,18	11,12	-
4sp	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	
2QYB89	Identifiler® Plus (STRmix)					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
2RR8UG	GlobalFiler™ (STR MIX)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
2WTWQW	GlobalFiler™					
	15,16	17,19,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,11,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

2YGYP	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
2YYFX6	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
2YZ3YV	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
322ZWN	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
37BJ7V	PowerPlex® Fusion 6					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
3CFWWL	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
3DAKDW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

3JEBW2	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
3MYAEQ	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
3NMVE8	Identifiler® Plus (STRmix)						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
3PJA3K	Identifiler® Plus						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
3JULYWE	PowerPlex® F6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
3VUBEG	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
3W4CN	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14,[15]	14,15	18	8,11	9,12
		13,15,[20]	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		

TABLE 2

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

3XV9VB	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
43ZLUK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
44KEVH	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
44YUXX	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
48JGYG	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
4BZHXW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	NA
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	NA	NA	28.2,30.2	6,7	8,11
	15,16	11	NA	NA	2	
4D7CUB	Identifiler®					
	N/A	17,20	N/A	14,18	11,12	N/A
4sp	8,8	10,14	N/A	N/A	8,11	9,12
	13,15	13,14	27,30	N/A	X,Y	10,12
	23,23	N/A	N/A	N/A	6,7	8,11
	15,16	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 4sp - STR Results

4DDVZ8	Identifiler® Plus (GeneMapper ID-X)					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
4E3QDM	GlobalFiler™ (STRmix)					
	15,16	17,20,[23]	10,11	14,18	11,12	
4sp	8	10,14,[15]	14,15	18	8,11	9,12
	13,15,[17]	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
4HNDAG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14,[15]	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
4LE3WD	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
4UDACE	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
4V32NJ	Identifiler®, Investigator® 24plex (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11				
629XYW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

66AVKW	PowerPlex® Fusion 5C & Fusion 6C, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
69WCAW	PowerPlex® Fusion (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
6EHGV7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6J9Q64	Investigator® 24plex QS (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
6K3LJZ	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6KZY3L	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	NT
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	NT	NT	28.2,30.2	6,7	8,11
	15,16	11	NT	NT	2	
6NLMVY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

6PEMP4	Investigator® 24plex QS (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
6PUVRD	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
6Q6ULL	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6Q9H4Z	GlobalFiler™ (STRMix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
6TEKA6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
6WTK6B	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
73JL7U	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

73YD2R	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
7CAGHC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7DX9UG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7FYCKH	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11			2	
7GWMFK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7HFD3C	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
7HWYMR	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

7QHNZ2	GlobalFiler™ (GMID-X)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
7W92Y4	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
7ZEXQ6	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
8FM9V4	GlobalFiler™					
	15,16	17,20	10,11,[12],[14]	14,[15],[16],18	11,12	
4sp	8,[12]	10,14,[15]	14,15,[16]	18,[20],[21]	8,11	9,12
	13,15,[17],[20]	13,14,[15]	27,30	[11],16	X,Y	10,12
	[22],23			[18],28.2,30.2	6,7	8,[9],11
	15,16,[17]	11			2	
8KJXEY	Identifiler® Plus, PowerPlex® Fusion (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
8KW2T3	Investigator® 24plex QS (STRmix for SF only)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
8ZMY8Q	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

93CX48	PowerPlex® 21 (STRmix)					
	15,16	17,20		14,18	11,12	11,12
4sp	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
984YRL	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
99YGBB	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9DEVVW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9E4BXQ	PowerPlex® Fusion 5C & 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9GDRCV	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9HLJAW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

9HMYFN	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9KP7YU	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	NT
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	NT	NT	28.2,30.2	6,7	8,11
	15,16	11	NT	NT	2	
9MWJK3	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
9NPMYV	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
9TNUPY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9XHXAQ	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
9YDAFR	PowerPlex® Fusion 6C (Lab Retriever)					
	15,16	17,20	10,11,14	14,18	11,12	
4sp	8,12	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

A9XZD4	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ABH7HT	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
ADNKBR	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
AHFN4W	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
AKZPUC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14,[15]	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16,[17]	11			2	
ALK4Q2	GlobalFiler™, MiniFiler					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
AT69QH	GlobalFiler™					
	15,16	17,20	10,11,12	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15,20	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

AUBXNK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
AYUQ9Y	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
B3ZU6R	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
B63XN2	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
B72ZHC	Identifiler®					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
BD7TYM	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,11,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
BPCTMY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

BVLMH2	Identifiler® Plus (STRmix)					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
BWGD43	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11,12,14	14,18	11,12	
4sp	8,12	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	11,12,13	18,28.2,30.2	6,7	8,11
	15,16,17	11	18	18		
BWGHE6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
C3FLG9	PowerPlex® ESX 17 fast					
	15,16	17,20	10,11	14,18		
4sp		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
C6L4MR	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
C739AW	Investigator® 24plex QS (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
C7V7BB	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					

TABLE 2

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

Item 4sp - STR Results

C8AFMW	Identifiler® Plus, MiniFiler					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
C8TF8E	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
CBD4EZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
CDF9E8	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
CDWBBDT	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
CFLQFN	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
CFRW8K	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

CHDPXT	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
CNDCJ2	Investigator® 24plex QS						
		15,16	17,20	10,11	14,18	11,12	N/A
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	N/A	N/A	28.2,30.2	6,7	8,11
	15,16	11	N/A	N/A	N/A		
CU68WR	GlobalFiler™ (STRMIX)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
CU7ACY	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
CVHTEG	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
CYUJR3	Identifiler®, Investigator® 24plex QS						
		15,16	17,20	10,11	14,18	11,12	n/a
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	n/a	n/a	28.2,30.2	6,7	8,11
	15,16	11	n/a	n/a	n/a		
D264X4	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

D26YM2	PowerPlex® Fusion 6 C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
D6XZQB	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
D6ZRMX	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
D6ZTGW	GlobalFiler™					
	15,16	17,20,23	10,11,12,14	14,15,16,18	11,12	
4sp	8,12	10,14,15	14,15,16	18,20	8,11	9,12
	13,15,17,20	13,14,15	27,29,30	16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,9	8,9,11
	15,16,17	11			2	
DBDEP3	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DGDZDW	Investigator® 24plex QS (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
DGV37Q	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

DH3FER	GlobalFiler™ Casework					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
DHL6X8	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DJ33K6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DJKDWJ	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
DP9ZUA	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
DPDBR2	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
DT9AZ6	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

DVYXBQ	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
E3A8UY	PowerPlex® ESI17 FAST					
	115,16	17,20	10,11	14,18		
4sp		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
E7CFJN	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
EBPPKD	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
EC38ZC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
EFVK9T	PowerPlex® ESI-17 Fast					
	15,16	17,20	10,11	14,18		
4sp		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
EJZKQK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

EPA9HM	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
ET67LK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
EUZHRL	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
EVTHKQ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11,[12,14]	14,[15,16],18	11,12	
4sp	8,[12]	10,14,[15]	14,15,[16]	18,[20,21]	8,11	9,12
	13,15,[17,20]	13,14,[15]	27,30	[11],16	X,Y	10,[11],12
	23,23	[9],12,14	12,13	[18],28.2,29.2,30.2	6,7,[9]	8,11
	15,16,[17]	11	18	18		
F8X668	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
FAR8AG	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
FCBUJA	Identifiler® Plus					
	-	17,20	-	14,18	11,12	-
4sp	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	

TABLE 2

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

Item 4sp - STR Results

FHGJ6N	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
FRBH6B	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
FTZX3Y	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28,30.2	6,7	8,11
	15,16	11			2		
FU8FZV	NGM (GeneMapper ID-X ver 1.2)						
		15,16	17,20	10,11	14,18		
	4sp		10,14	14,15	18,18		9,12
		13,15	13,14	27,30	16,16	X,Y	
		23,23				6,7	
	15,16						
FV4TP9	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
FVAWNU	Investigator® 24plex QS (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11					
FX7TLY	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		

TABLE 2

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

FXEGFZ	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
FYML4W	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
GANE4Z	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
GBH679	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
GGJTBU	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
GR3GP8	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
GVJAMM	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		

TABLE 2

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

GXBCKN	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
GZW8RN	GlobalFiler™ (STRmix)						
		14,15,16	16,17,19,20	9,10,11	13,14,17,18	10,11,12	
	4sp	7,8	9,10,13,14	13,14,15	17,18	7,8,10,11	8,9,11,12
		12,13,14,15	12,13,14	26,27,29,30	15,16	X,Y	10,12
		22,23			28.2,30.2	6,7	8,11
	14,15,16	11			2		
GZYQ6R	PowerPlex® Fusion						
		15,16	17,20	[10],11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,[11]	9,12
		13,15	13,14	27,[30]	16	X,Y	10,[12]
		23	[12],14	12,13		6,7	8,11
	15,16	11					
H2TW3X	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
H72MEW	PowerPlex® 21 (STRmix)						
		15,16	17,20		14,18	11,12	11,12
	4sp	8,8	10,14		18,18	8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23	12,14	12,13		6,7	8,11
	15,16						
HA4NFT	Identifiler® Plus						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
HAVAQQ	Identifiler® Plus, GlobalFiler™ (eDNA BULLET)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		

TABLE 2

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

HURJZ9	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	17,20,[23]	10,11,[12]	14,18	11,12	
4sp	8,[12]	10,14,[15]	14,15,[16]	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,[11],12
	23	12,14	12,13	28.2,30.2	6,7,[9]	8,11
	15,16	11	18	18		
J6G3RJ	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
J8NCUN	PowerPlex® ESI 17 Fast					
	15,16	17,20	10,11	14,18		
4sp		10,14	14,15	18,18		9,12
	13,15	13,14	27,30	16,16	X,Y	
	23,23			28.2,30.2	6,7	
	15,16					
JH6WG7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
K2HYMH	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
K3847P	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12 ^	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10 ^ ,12
	23	12 ^ ,14 ^	12,13	28.2 ^ ,30.2	6,7	8,11
	15,16	11	18	18		
K7WLCCG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

K9DZPP	PowerPlex® Fusion 6C, 16						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
KDNBK4	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
KK6LX6	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
KNDD9C	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
L4MVMD	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
L4ZMD9	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
L7MR2Q	Identifiler® Plus						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						

TABLE 2

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

Item 4sp - STR Results

L9QU44	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,13	12,14	28.2,30.2	6,7	8,11
	15,16	11			2	
LAQZEW	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
LARTC6	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
LCRXVQ	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11,12	14,18	11,12	
4sp	8,12	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			18,28.2,30.2	6,7	8,11
	15,16	11			2	
LE4HWD	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
LEXK9V	Identifiler® Plus (DNA VIEW ver37.33)					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
LGTZWD	Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				

TABLE 2

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

Item 4sp - STR Results

LLVARK	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11				
LLXYVH	Identifiler® Plus, PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
LNRYFT	PowerPlex® 21 (STRmix)					
	15,16	17,20		14,18	11,12	11,12
4sp	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
LYQVFA	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
M4LE9E	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16	11				
M9WY4J	PowerPlex® 21 (STRmix)					
	15,16	17,20		14,18	11,12	11,12
4sp	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
MAK69V	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

MALX74	GlobalFiler™					
	15,16	17,20,[23]	10,11,12,[14]	14,[15],[16],18	11,12	
4sp	8,12	10,14,15	14,15,[16]	18,[20],[21]	8,11	9,12
	13,15,[17],[20]	13,14,[15]	27,[29],30	[11],15,16	X,Y	10,11,12
	22,23			18,28.2,30.2	6,7,[9]	8,[9],11
	15,16,17	11			2	
MBYXEC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MEQNQD	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MKNLAE	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MMUN3J	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
MR6RYD	PowerPlex® Fusion 6C (Lab Retriever)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
MRK3KY	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				

TABLE 2

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

Item 4sp - STR Results

MTXP6Y	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
MVXRZ3	PowerPlex® Fusion, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,13	12,14	28.2,30.2	6,7	8,11
	15,16	11			2	
N69G9Y	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NC7AGT	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NECPVC	PowerPlex® Fusion 6C (Lab Retriever v2.2.1)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
NGJRXA	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
NLH4Z2	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

NLVXCV	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
NPV98V	PowerPlex® 5C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13		6,7	8,11
	15,16	11					
NQ2KWJ	PowerPlex® ESI 17 Fast						
		15,16	17,20	10,11	14,18		
	4sp		10,14	14,15	18,18		9,12
		13,15	13,14	27,30	16,16	X,Y	
		23,23			28.2,30.2	6,7	
	15,16						
NWCJKW	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
NYYBKF	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
P4PVAG	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
P8NW4P	PowerPlex® PP21 (strmix)						
		15,16	17,20		14,18	11,12	11,12
	4sp	8,8	10,14		18,18	8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23	12,14	12,13		6,7	8,11
	15,16						

TABLE 2

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

Item 4sp - STR Results

P8UKFW	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
PAVQTG	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
PCLNQN	PowerPlex® Fusion 6C (STRmix)						
		15,16	17,20	10,11,12,14	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
PDGDPB	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
PKXYJF	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
PMMD4J	PowerPlex® Fusion						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,[12]
		23	12,14	12,13		6,7	8,11
	15,16	11					
PPVTPA	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

PQNE8L	PowerPlex® Fusion 5C					
	15,16	17,20,[23]	10,11	14,[16],18	11,12	
4sp	8,[12]	10,14	14,15,[16]	18,[20]	8,[11]	9,12
	13,15	13,14	27,30	[11],16	X,Y	10,12
	23	[9],12,14	12,13		6,7,[9]	8,11
	15,16,[17]	11				
PT8F7E	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
PW9B2B	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11			2	
PWTZCJ	Investigator® 24plex QS (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
PXK892	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
PYF3CH	PowerPlex® PP21					
	NR,NR	NR,NR		14,NR	11,NR	NR,NR
4sp	8,NR	10,14		18,NR	11,NR	9,12
	15,NR	14,NR	27,30		X,Y	NR,NR
	23,NR	12,14	12,13		6,7	NR,NR
	15,16					
Q2EJLC	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Q3Q89X	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
Q7B93J	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
QATJF	PowerPlex® 21 (STRmix)					
	15,16	17,20		14,18	11,12	11,12
4sp	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
QAU4ZA	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
QB48GE	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
QFYP7R	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
QQEVNN	Identifiler®, Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	N/A
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	N/A	N/A	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

QQH48A	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
QW67Z8	PowerPlex® Fusion 6C (TrueAllele)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
QXBQLL	GlobalFiler™, Investigator® 24plex					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
R4GL6L	Identifiler®, Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	N/A
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	N/A	N/A	28.2,30.2	6,7	8,11
	15,16	11	N/A	N/A	N/A	
R7UP24	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
R8486N	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
R8KJPF	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

RGTXPV	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
RHHFEA	PowerPlex® Fusion 5C and 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
RKAHFH	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
RLEYKE	Identifiler® Plus						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
RPFAC9	GlobalFiler™ 3500xL, Investigator® 24plex						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
RPKBT2	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
RQAXTH	GlobalFiler™						
		15,16	17,20,[23]	10,11,[12]	14,[16],18	11,12	
	4sp	8	10,14,[15]	14,15	18,[21]	8,11	9,12
		13,15	13,14	27,30	[11],16	X,Y	10,[11],12
		23			28.2,30.2	6,7,[9]	8,11
	15,16,[17]	11			2		

TABLE 2

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

Item 4sp - STR Results

RR6CGW	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
RTM8GB	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
RW2U7A	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
RW48KB	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
T74KWP	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
T8FWWK	Identifiler® Plus (STRmix)						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
T8XENR	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		

TABLE 2

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

T9MWC7	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
TBD3TW	Identifiler® Plus						
		-	17,20	-	14,18	11,12	-
	4sp	8	10,14	-	-	8,11	9,12
		13,15	13,14	27,30	-	X,Y	10,12
		23	-	-	-	6,7	8,11
	15,16	-	-	-	-	-	
TD6YTC	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
TG3BJH	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
TUVN7U	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
TVK7V9	PowerPlex® Fusion 6C, 5C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
TVLF8J	Identifiler® Plus (STRmix)						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						

TABLE 2

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

Item 4sp - STR Results

TW4WFE	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
TXQNVP	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
TZCDDG	PowerPlex® Fusion 6C, 16					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
U638NM	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23				6,7	8,11
	15,16					
U8ENJE	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
UAJEN9	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
UCJNGW	Identifiler® Plus					
	-	17,20	-	14,18	11,12	-
4sp	8	10,14	-	-	8,11	9,12
	13,15	13,14	27,30	-	X,Y	10,12
	23	-	-	-	6,7	8,11
	15,16	-	-	-	-	

TABLE 2

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

Item 4sp - STR Results

UEDH9Z	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
UETQ9M	Identifiler® Id+						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
UJBUCC	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
UKXMTM	Identifiler® Plus						
			17,20		14,18	11,12	
	4sp	8,8	10,14			8,11	9,12
		13,15	13,14	27,30		X,Y	10,12
		23,23				6,7	8,11
	15,16						
ULCTE6	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	Not Tested
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	Not Tested	Not Tested	28.2,30.2	6,7	8,11
	15,16	11	Not Tested	Not Tested	2		
ULY9WF	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
UU784W	PowerPlex® Fusion 5C, 6C						
		15,16	17,20	10,11,[14]	14,18	11,12	
	4sp	8	10,14	14,15	18,[21]	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,[11],12
		23	12,14	12,13	[18],28.2,30.2	6,7	8,[9],11
	15,16	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 4sp - STR Results

UYHZGG	Investigator® 24plex QS					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11				
UZA6M9	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
V4NXH9	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
V6Y82T	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
V87VNF	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
VGWE6A	PowerPlex® 21 (STRMix)					
	15,16	17,20		14,18	11,12	11,12
4sp	8,8	10,14		18,18	8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23	12,14	12,13		6,7	8,11
	15,16					
VKH224	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	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 4sp - STR Results

VMYXKG	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,29,30	16	X,Y	10,11,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
VX7KMF	Investigator® 24plex QS						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11					
VXZF2B	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
W2LV94	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
W3MPHM	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
W89DF8	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
W9EW63	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	-
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	-	-	28.2,30.2	6,7	8,11
	15,16	11	-	-	2		

TABLE 2

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

WEG2WL	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					
WF3QLE	GlobalFiler™					
	15,16	17,20,[23]	10,11,[14]	14,[15],[16],18	11,12	
4sp	8,[12]	10,14,[15]	14,15,[16]	18,[20],[21]	8,11	9,12
	13,15,[17],[20]	13,14,[15]	27,[29],30	[11],16	X,Y	10,12
	[22],23			[18],28.2,30.2	6,7,[9]	8,[9],11
	15,16,[17]	11			2	
WRDLG4	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
WW2RX7	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
WWLCXC	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
X776LD	PowerPlex® Fusion					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13		6,7	8,11
	15,16	11				
XAP8K7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

XBJN4U	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
XF9EY6	GlobalFiler™ (STRmix)						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23			28.2,30.2	6,7	8,11
	15,16	11			2		
XGNHQB	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23			28.2,30.2	6,7	8,11
	15,16	11			2		
XMWR96	PowerPlex® Fusion 6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
XQDDYR	PowerPlex® F6C						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18			
XZ32UU	GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	-
	4sp	8,8	10,14	14,15	18,18	8,11	9,12
		13,15	13,14	27,30	16,16	X,Y	10,12
		22,23	-	-	28.2,30.2	6,7	8,11
	15,16	11	-	-	2		
Y4WB9Z	PowerPlex® Fusion 6C, GlobalFiler™						
		15,16	17,20	10,11	14,18	11,12	
	4sp	8	10,14	14,15	18	8,11	9,12
		13,15	13,14	27,30	16	X,Y	10,12
		23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18	2		

TABLE 2

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

Item 4sp - STR Results

Y7786Q	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
Y7ARYK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
YCDTXU	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
YUPKWP	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
YXALQC	GlobalFiler™ (STRmix)					
	15,16	17,20	10,11	14,[16],18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15,[17]	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
YXRGLK	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z24TV7	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

Z4NTLL	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z67LXG	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z73ZKA	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z7ZCYP	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
Z8VLZY	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23			28.2,30.2	6,7	8,11
	15,16	11			2	
Z8ZBFC	PowerPlex® Fusion 5C					
	15,16	17,20	10,11	14,18	11,12	N/A
4sp	8,(12)	10,14	14,15	18,(20)	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	N/A	6,7	8,11
	15,16	11	N/A	N/A	N/A	
ZAXLXB	Identifiler® Plus					
		17,20		14,18	11,12	
4sp	8,8	10,14			8,11	9,12
	13,15	13,14	27,30		X,Y	10,12
	23,23				6,7	8,11
	15,16					

TABLE 2

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

Item 4sp - STR Results

ZB9RFZ	PowerPlex® Fusion 5C and 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZDX68J	PowerPlex® Fusion 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8,8	10,14	14,15	18,18	8,11	9,12
	13,15	13,14	27,30	16,16	X,Y	10,12
	23,23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZH8E7E	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZHR7AX	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
ZLFH94	PowerPlex® Fusion 6C					
	15,16	17,20,23	10,11	14,15,16,18	11,12	
4sp	8	10,14,15	14,15	18	8,11	9,12
	13,15	13,14,15	27,30	16	X,Y	10,12
	23	12,14	12,13	18,28.2,30.2	6,7	8,11
	15,16,17	11	18	18		
ZMNPBW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
ZNMNU6	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	

TABLE 2

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

ZTRU3F	PowerPlex® F6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		
ZX6CKW	GlobalFiler™					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23			28.2,30.2	6,7	8,11
	15,16	11			2	
ZXZ7T2	PowerPlex® Fusion 5C, 6C					
	15,16	17,20	10,11	14,18	11,12	
4sp	8	10,14	14,15	18	8,11	9,12
	13,15	13,14	27,30	16	X,Y	10,12
	23	12,14	12,13	28.2,30.2	6,7	8,11
	15,16	11	18	18		

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

2NF73J	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
7QHNZ2	Yfiler™								
1	[REDACTED]								
9GDRCV	Yfiler™								
1	[REDACTED]								
9KP7YU	Yfiler™								
1	NT	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NT	NR	NR	NT	NT
	NT	NT	NT	NT	NT	NT	NR	NT	NR
AN726K	Yfiler™								
1	[REDACTED]								
B8DN7H	Yfiler™								
1	[REDACTED]								
GANE4Z	Yfiler™ Plus								
1	[REDACTED]								
GBYJAC	Yfiler™								
1	[REDACTED]								
GGJTBU	Yfiler™ Plus, 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	no results
	no results	no results		no results	no results	no results	no results		no results
LGTZWD	Yfiler™								
1		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		
							NR		NR
LLXYVH	PowerPlex® Y Plex								
1	[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 1 - YSTR Results

PYF3CH	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
UCJNGW	Yfiler™								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
ULCTE6	Yfiler™ Plus								
1									

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

22MUH9	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
288623	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2AVM8U	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2DXLK9	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2G9VGJ	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2LBDEC	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2MJJZ	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2NF73J	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
2QVU8N	Yfiler™								
2	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
2QYB89	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2WTWQW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		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

2YGYPA	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2YYFX6	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
3CFWWL	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
3DAKDW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
3MYAEQ	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
3NMVE8	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
3JULYWE	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
44KEVH	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
48JGYG	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
4D7CUB	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
4DDVZ8	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 2 - YSTR Results

4HNDAG	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
4LE3WD	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
4UDACE	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
4V32NJ	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
66AVKW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
6KZY3L	Yfiler™								
2	NT	14	11,14	13	29	24	11	13	13
	14	13	12	19	NT	16	16	NT	NT
	NT	NT	NT	NT	NT	NT	24	NT	12
7CAGHC	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
7DX9UG	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
7FYCKH	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
7HFD3C	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
7QHNZ2	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		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

7ZEXQ6	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
8FM9V4	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
8KJXEV	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
984YRL	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
99YGBB	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9AVUX3	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9E4BXQ	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
9GDRCV	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
9HLJAW	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9KP7YU	Yfiler™								
2	NT	14	11,14	13	29	24	11	13	13
	14	13	12	19	NT	16	16	NT	NT
	NT	NT	NT	NT	NT	NT	24	NT	12
9XHXAQ	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12

TABLE 3

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

Item 2 - YSTR Results

9YDAFR	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
A9XZD4	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
AHFN4W	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AKZPUC	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
AN726K	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	>12	12	19		16	16		
							24		12
AUBXNK	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AW3RU2	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AYUQ9Y	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
B8DN7H	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	>12	12	19		16	16		
							24		12
BD7TYM	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
BVLMH2	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

TABLE 3

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

Item 2 - YSTR Results

BWGD43	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
BWGHE6	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
C3FLG9	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
C8AFMW	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
CBDAEZ	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
CDF9E8	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
CFRW8K	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
CHDPXT	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
CRL7XY	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
D6XZQB	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
D6ZRMX	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	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

D6ZTGW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
DBDEP3	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
DHL6X8	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
DJKDWJ	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
DP9ZUA	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
E3A8UY	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
EC38ZC	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
EJZKQK	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
ET67LK	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
EUZHRL	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
FCBUJA	Yfiler™								
2	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12

TABLE 3

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

Item 2 - YSTR Results

FRBH6B	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
FTZX3Y	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
FU8FZV									
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
FXEGFZ	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
FYML4W	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GANE4Z	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GBH679	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
GBYJAC	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	>12	12	19		16	16		
							24		12
GGJTBU	Yfiler™ Plus, Yfiler™								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GZYQ6R	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
H72MEW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 2 - YSTR Results

HAVAQQ	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
HURJZ9	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
KDNBK4	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
L4MVMD	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
L4ZMD9	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
L7MR2Q	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
LE4HWD	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
LEXK9V	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
LGTZWD	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
LLVARK	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
LLXYVH	PowerPlex® Y -plex								
2		14	11,14	13	29	24	11	13	13
	14	13	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

LNRYFT	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MBYXEC	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MEXNQD	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
MMUN3J	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
MR6RYD	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MRK3KY	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MTXP6Y	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
MVXRZ3	Yfiler™								
2	35,36	14	14,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
N69G9Y	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
NECPVC	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
NGJRXA	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 2 - YSTR Results

NLVXCV	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
P4PVAG	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
P8NW4P	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
P8UKFW	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PAVQTG	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
PCLNQN	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
PDGDPB	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
PMMD4J	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PQNE8L	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PW9B2B	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PXK892	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		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

PYF3CH	Yfiler™ Plus									
	2	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24			12
Q2EJLC	Yfiler™									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
Q3Q89X	PowerPlex® Y 23									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
QAU4ZA	Yfiler™ Plus									
	2	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24			12
QB48GE	PowerPlex® Y 23									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
QQH48A	Yfiler™ Plus									
	2	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24			12
QW67Z8	Yfiler™									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
R8486N	PowerPlex® Y 23									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
R8KJPF	Yfiler™									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
RGTXPV	PowerPlex® Y 23									
	2		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
RKAHFH	Yfiler™ Plus									
	2	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24			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

RQAXTH	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
T8FWWK	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
T8XENR	Yfiler™ Plus								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
TBD3TW	Yfiler™								
2	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
TG4CEG	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
TUVN7U	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
TVLF8J	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
TW4WFE	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
U638NM	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
U8ENJE	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
UCJNGW	Yfiler™								
2	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12

TABLE 3

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

Item 2 - YSTR Results

UEDH9Z	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
UJBUC	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
ULCTE6	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	Not Tested	18	18	22	24	Not Tested	12
ULY9WF	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
UU784W	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
V6Y82T	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
V87VNF	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
VGWE6A	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
VXZF2B	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
W2LV94	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
W3MPHM	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	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

W9EW63	Yfiler™								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	-	18	18	22	24	-	12
WDU9GB	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
WF3QLE	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
WW2RX7	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
WWLCXC	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
X776LD	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
XGNHQB	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Y4WB9Z	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
Y7786Q	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
Y7ARYK	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
YPBXV6	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

TABLE 3

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

Item 2 - YSTR Results

YUPKWP	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
YXRGLK	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z24TV7	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z67LXG	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z73ZKA	Yfiler™ Plus								
2	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z7ZCYP	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
Z8VLZY	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
ZAXLXB	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
ZDLAPX	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
ZH8E7E	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
ZHR7AX	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 2 - YSTR Results

ZMNPBW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
ZTRU3F	PowerPlex® Y 23								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
ZX6CKW	Yfiler™								
2		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 3 - YSTR Results

2NF73J	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	NR	NR

2YZ3YV	Fusion 6C								
3	[Redacted]								

7QHNZ2	Yfiler™								
3	[Redacted]								

9KP7YU	Yfiler™								
3	NT	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NT	NR	NR	NT	NT
	NT	NT	NT	NT	NT	NT	NR	NT	NR

DBDEP3	PowerPlex® Y 23								
3	[Redacted]								

GGJTBU	Yfiler™ Plus, 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	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results

LGTZWD	Yfiler™								
3		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

LLXYVH	PowerPlex® Y Plex								
3	[Redacted]								

NECPVC	Yfiler™								
3	[Redacted]								

PYF3CH	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	NR	NR

ULCTE6	Yfiler™ Plus								
3	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result	Not Tested	No Result	No Result	No Result	No Result	Not Tested	No Result

TABLE 3

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

Item 3 - YSTR Results

W2LV94	Yfiler™								
3		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR

TABLE 3

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

Item 3e - YSTR Results

288623

PowerPlex® Y 23

3e



TABLE 3

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

Item 3sp - YSTR Results

288623

PowerPlex® Y 23

3sp



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										
7DX9UG	Yfiler™									
4		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	
9AVUX3	Yfiler™ Plus									
4	35,36	14	11,14	13	29	24	11	13	13	
	14	13	12	19	30	16	16	11	22	
	34	12		18	18	22	24		12	
AW3RU2	Yfiler™ Plus									
4	35,36	14	11,14	13	29	24	11	13	13	
	14	13	12	19	30	16	16	11	22	
	34	12		18	18	22	24		12	
CRL7XY	Yfiler™ Plus									
4	35,36	14	11,14	13	29	24	11	13	13	
	14	13	12	19	30	16	16	11	22	
	34	12		18	18	22	24		12	
E3A8UY	PowerPlex® Y 23									
4		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16		22	
		12	13	18	18		24	10	12	
RLEYKE	Yfiler™									
4		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	
TG4CEG	Yfiler™ Plus									
4	35,36	14	11,14	13	29	24	11	13	13	
	14	13	12	19	30	16	16	11	22	
	34	12		18	18	22	24		12	
UKXMTM	Yfiler™									
4		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	
YPBXV6	PowerPlex® Y 23									
4		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16		22	
		12	13	18	18		24	10	12	
ZDLAPX	Yfiler™									
4		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	

TABLE 3

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

Item 4e - YSTR Results

22MUH9	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
288623	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2AVM8U	Yfiler™								
4e									
2DXLK9	Yfiler™								
4e		14	11,14	13	29	24	11	*	13
	14	13	12	*		16	16		
							24		12
2G9VGJ	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2LBDEC	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2MJJJZ	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		---	13	18	18		24	10	12
2NF73J	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
2QVU8N	Yfiler™								
4e	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
2QYB89	PowerPlex® Y 23								
4e									
2YGYP A	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4e - YSTR Results

2YFX6	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2YZ3V	Fusion 6C								
4e									
3CFWWL	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
3DAKDW	Yfiler™								
4e									
3MYAEQ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
3NMVE8	PowerPlex® Y 23								
4e									
3JULYWE	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
44KEVH	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
48JGYY	Yfiler™								
4e									
4D7CUB	Yfiler™								
4e	N/A	14	11,14	13	29	24	11	13	13
	14	13	12	19	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
4DDVZ8	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4e - YSTR Results

4HNDAG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
4LE3WD	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
4UDACE	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
4V32NJ	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
66AVKW	Yfiler™								
4e								13	
	14	13	12	19					
							24		12
6KZY3L	Yfiler™								
4e	NT	14	11,14	13	29	24	11	13	13
	14	13	12	19	NT	16	16	NT	NT
	NT	NT	NT	NT	NT	NT	24	NT	12
6PUVRD	Yfiler™								
4e									
7CAGHC	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
7FYCKH	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
7HFD3C	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
7QHNZ2	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4e - YSTR Results

7ZEXQ6	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
8FM9V4	PowerPlex® Y 23								
4e									
8KJXEV	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
984YRL	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
99YGBB	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9E4BXQ	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
9GDRCV	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
9HLJAW	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9KP7YU	Yfiler™								
4e	NT	14	11,14	13	29	24	11	13	13
	14	13	12	19	NT	16	16	NT	NT
	NT	NT	NT	NT	NT	NT	24	NT	12
9XHXAQ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9YDAFR	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4e - YSTR Results

A9XZD4	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
AHFN4W	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AKZPUC	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
AUBXNK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AYUQ9Y	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
BD7TYM	Yfiler™								
4e									
BVLMH2	PowerPlex® Y 23								
4e									
BWGD43	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
BWGHE6	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
C3FLG9	PowerPlex® Y 23								
4e									
C8AFMW	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		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 4e - YSTR Results

CBDAEZ	Yfiler™								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		12
							24		
CDF9E8	PowerPlex® Y 23								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		22
		12	18	18		24	10	12	
CFRW8K	Yfiler™								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		12
						24			
CHDPXT	Yfiler™								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		12
						24			
CYU9R3	Yfiler™								
	4e	n/a	11,14	13	29	24	11	13	13
		14	12	19	n/a	16	16	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	24	n/a	12
D6XZQB	Yfiler™ Plus								
	4e	35,36	11,14	13	29	24	11	13	13
		14	12	19	30	16	16	11	22
	34	12	18	18	22	24		12	
D6ZRMX	PowerPlex® Y 23								
	4e		14			24	11	13	13
			13				16		22
		13		18		24	10		
D6ZTGW	Yfiler™								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		12
						24			
DBDEP3	PowerPlex® Y 23								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		22
		12	18	18		24	10	12	
DH3FER	Yfiler™ Plus								
	4e	35,36	11,14	13	29	24	11	13	13
		14	12	19	30	16	16	11	22
	34	12	18	18	22	24		12	
DHL6X8	PowerPlex® Y 23								
	4e	14	11,14	13	29	24	11	13	13
		14	12	19		16	16		22
		12	18	18		24	10	12	

TABLE 3

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

Item 4e - YSTR Results

DJKDWJ	Yfiler™								
4e	[REDACTED]								
DP9ZUA	PowerPlex® Y 23								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
		12	13	18	18	24	10	12	
EC38ZC	Yfiler™ Plus								
4e	[REDACTED]								
EJZKQK	Yfiler™								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
						24		12	
ET67LK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	-	19	30	16	16	-	22
	34	12		18	18	22	24		12
FCBUJA	Yfiler™								
4e	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
FRBH6B	PowerPlex® Y 23								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
		12	13	18	18	24	10	12	
FTZX3Y	PowerPlex® Y 23								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
		12	13	18	18	24	10	12	
FXEGFZ	PowerPlex® Y 23								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
		12	13	18	18	24	10	12	
FYML4W	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GANE4Z	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12

TABLE 3

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

Item 4e - YSTR Results

GBH679	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16	16	22	
		12	13	18	18		24	10	12
GGJTBU	Yfiler™ Plus, Yfiler™								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GZYQ6R	PowerPlex® Y 23								
4e									
H72MEW	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
HAVAQQ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
HURJZ9	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
KDNBK4	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
L4MVMD	Yfiler™								
4e									
L4ZMD9	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
L7MR2Q	PowerPlex® Y 23								
4e									
LE4HWD	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12

TABLE 3

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

Item 4e - YSTR Results

LEXK9V	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
LGTZWD	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
LLVARK	Yfiler™								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
LLXYVH	PowerPlex® Y Plex								
4e		14	11	13	29	24		13	13
	14	13	12						
LNRIFT	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MBYXEC	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MEXNQD	Yfiler™ Plus								
4e									
MMUN3J	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
MR6RYD	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MRK3KY	Yfiler™								
4e									
MTXP6Y	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

TABLE 3

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

Item 4e - YSTR Results

N69G9Y	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
NECPVC	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
							24		12
NGJRXA	Yfiler™								
4e									
NLVXCV	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
P4PVAG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
P8UKFW	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PAVQTG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
PCLNQN	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
							24		12
PDGDPB	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
PMMD4J	PowerPlex® Y 23								
4e									
PQNE8L	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

TABLE 3

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

Item 4e - YSTR Results

PW9B2B	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PXK892	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
PYF3CH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	NR	13
	14	13	12	19	NR	16	16	11	22
	34	12		18	18	22	24		12
Q2EJLC	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
Q3Q89X	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
QAU4ZA	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
QB48GE	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
QQEVNN	Yfiler™								
4e	N/A	14	11,14	13	29	24	11	13	13
	14	13	12	19	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
QQH48A	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
QW67Z8	Yfiler™								
4e									
R4GL6L	Yfiler™								
4e	N/A	14	11,14	13	29	24	11	13	13
	14	13	12	19	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12

TABLE 3

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

Item 4e - YSTR Results

R8486N	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
R8KJPF	Yfiler™								
4e									
RGTXPV	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
RKAHFH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
RQAXTH	Yfiler™ Plus								
4e									
T8FWWK	PowerPlex® Y 23								
4e									
T8XENR	Yfiler™								
4e									
TBD3TW	Yfiler™								
4e	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
TUVN7U	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
TVLF8J	PowerPlex® Y 23								
4e									
TW4WFE	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4e - YSTR Results

TXQNVF	Yfiler™								
4e	[REDACTED]								
U638NM	Yfiler™								
4e	[REDACTED]								
U8ENJE	Yfiler™								
4e	[REDACTED]								
UCJNGW	Yfiler™								
4e	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
UEDH9Z	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
UETQ9M	Yfiler™								
4e	[REDACTED]								
UJBUCF	Yfiler™								
4e	[REDACTED]								
ULCTE6	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	Not Tested	18	18	22	24	Not Tested	12
ULY9WF	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
UU784W	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
V6Y82T	Yfiler™ Plus								
4e	[REDACTED]								
	13								
	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 4e - YSTR Results

V87VNF	PowerPlex® Y 23								
4e	[REDACTED]								

VGWE6A	Yfiler™ Plus								
4e	[REDACTED]								

VXZF2B	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12

W2LV94	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

W3MPHM	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

W9EW63	Yfiler™								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	NR	NR	16	16	11	22
	34	12	-	18	18	22	24	-	12

WEG2WL	Yfiler™								
4e	[REDACTED]								

WF3QLE	PowerPlex® Y 23								
4e	[REDACTED]								

WW2RX7	Yfiler™								
4e	[REDACTED]								

WWLCXC	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

X776LD	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

TABLE 3

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

Item 4e - YSTR Results

XGNHQB	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Y4WB9Z	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
Y7786Q	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
Y7ARYK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
YUPKWP	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
YXRGLK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z24TV7	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z67LXG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z73ZKA	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
Z7ZCYP	PowerPlex® Y 23								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
Z8VLZY	Yfiler™								
4e		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4e - YSTR Results

ZAXLXB	PowerPlex® Y 23								
4e	[REDACTED]								
ZH8E7E	PowerPlex® Y 23								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
		12	13	18	18		24	10	12
ZHR7AX	Yfiler™								
4e	14		13				11		
	14	13	12		15,16		16		
							24		
ZMNPBW	Yfiler™								
4e	[REDACTED]								
ZTRU3F	PowerPlex® Y 23								
4e	14	11,14	13	29	24	11	13	13	
	14	13	12	19	16	16		22	
		12	13	18	18		24	10	12
ZX6CKW	Yfiler™								
4e	[REDACTED]								

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

22MUH9	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	NAD	12	19		16	16		
							24		12
288623	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2AVM8U	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2DXLK9	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2G9VGJ	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2LBDEC	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
2MJJJZ	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2NF73J	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
2QVU8N	Yfiler™								
4sp	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
2QYB89	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
2WTWQW	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4sp - YSTR Results

2YGYP	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		
							24		12
2YFX6	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		
							24		12
2YZ3V	Fusion 6C								
4sp									
3CFWWL	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		22
			12	13	18	18	24	10	12
3DAKDW	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		
							24		12
3MYAEQ	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	22
		34	12	18	18	22	24		12
3NMVE8	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		22
			12	13	18	18	24	10	12
3JLYWE	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		22
			12	13	18	18	24	10	12
44KEVH	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		22
			12	13	18	18	24	10	12
48JGY	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19	16	16		
							24		12
4D7CUB	Yfiler™								
4sp	N/A	14	11,14	13	29	24	11	13	13
		14	13	12	19	N/A	16	16	N/A
		N/A	N/A	N/A	N/A	N/A	24	N/A	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 4sp - YSTR Results

4DDVZ8	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
4HNDAG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
4LE3WD	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
4UDACE	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
4V32NJ	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
66AVKW	Yfiler™								
4sp		14	11,14	13	29	24	11		13
						16	16		
6KZY3L	Yfiler™								
4sp	NT	14	11,14	13	29	24	11	13	13
	14	13	12	19	NT	16	16	NT	NT
	NT	NT	NT	NT	NT	NT	24	NT	12
6PUVRD	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
7CAGHC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
7FYCKH	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
7HFD3C	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12

TABLE 3

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

Item 4sp - YSTR Results

7QHNZ2	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
7ZEXQ6	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
8FM9V4	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
8KJXEV	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
984YRL	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
99YGBB	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9E4BXQ	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
9GDRCV	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
9HLJAW	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
9KP7YU	Yfiler™								
4sp	NT	14	11,14	13	29	24	11	13	13
	14	13	12	19	NT	16	16	NT	NT
	NT	NT	NT	NT	NT	NT	24	NT	12
9XHXAQ	Yfiler™ Plus								
4sp									

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

9YDAFR	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
A9XZD4	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
AHFN4W	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AKZPUC	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
AUBXNK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
AYUQ9Y	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
BD7TYM	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
BVLMH2	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
BWGD43	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
BWGHE6	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
C3FLG9	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12

TABLE 3

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

Item 4sp - YSTR Results

C8AFMW	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24			12
CBDAEZ	Yfiler™									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
CDF9E8	PowerPlex® Y 23									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
CFRW8K	Yfiler™									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
CHDPXT	Yfiler™									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
CYUYR3	Yfiler™									
	4sp	n/a	14	11,14	13	29	24	11	13	13
		14	13	12	19	n/a	16	16	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	24	n/a		12
D6XZQB	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24			12
D6ZRMX	PowerPlex® Y 23									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
D6ZTGW	Yfiler™									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		
							24			12
DBDEP3	PowerPlex® Y 23									
	4sp		14	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
		12	13	18	18		24	10		12
DH3FER	Yfiler™ Plus									
	4sp									

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

DHL6X8	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
DJKDWJ	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
							24		12
DP9ZUA	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
EC38ZC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
EJZKQK	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
							24		12
ET67LK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
FCBUJA	Yfiler™								
4sp	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
FRBH6B	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
FTZX3Y	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
FU8FZV	PowerPlex® Y 23								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
FXEGFZ	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	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 4sp - YSTR Results

FYML4W	Yfiler™ Plus								
4sp	36,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GANE4Z	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GBH679	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
GGJTBU	Yfiler™ Plus, Yfiler™								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
GZYQ6R	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
H72MEW	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
HAVAQQ	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
HURJZ9	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
KDNBK4	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
L4MVMD	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
L4ZMD9	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12

TABLE 3

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

Item 4sp - YSTR Results

L7MR2Q	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16	22		
		12	13	18	18	24	10	12	
LE4HWD	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
LEXK9V	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16			
						24		12	
LGTZWD	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16			
						24		12	
LLVARK	Yfiler™								
4sp	35,36	14		13	29	24	11	13	
	14	13			30	16	16		22
	34			18	22	24			12
LLXYVH	PowerPlex® Y Plex								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12						
LNRYFT	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16			
						24		12	
MBYXEC	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16			
						24		12	
MEXNQD	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
MMUN3J	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
MR6RYD	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19	16	16			
						24		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 4sp - YSTR Results

MRK3KY	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
MTXP6Y	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
MVXRZ3	Yfiler™								
4sp	35,36	14	14,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
N69G9Y	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
NECPVC	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
NGJRXA	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
NLVXCV	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
P4PVAG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
P8UKFW	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PAVQTG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
PCLNQN	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12

TABLE 3

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

Item 4sp - YSTR Results

PDGDPB	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
PMMD4J	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PQNE8L	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PW9B2B	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
PXK892	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
PYF3CH	Yfiler™ Plus								
4sp	NR	NR	NR	NR	NR	NR	NR	NR	13
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
Q2EJLC	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
Q3Q89X	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
QAU4ZA	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
QB48GE	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
QQEVNN	Yfiler™								
4sp	N/A	14	11,14	13	29	24	11	13	13
	14	13	12	19	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	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

QQH48A	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
QW67Z8	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
R4GL6L	Yfiler™								
4sp	N/A	14	11,14	13	29	24	11	13	13
	14	13	12	19	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
R8486N	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
R8KJPF	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
RGTXPV	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
RKAHFH	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
RQAXTH	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
T8FWWK	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
T8XENR	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		12
							24		12
TBD3TW	Yfiler™								
4sp	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	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 4sp - YSTR Results

TUVN7U	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
TVLF8J	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
TW4WFE	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
TXQNVP	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
U638NM	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
U8ENJE	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
UCJNGW	Yfiler™								
4sp	-	14	11,14	13	29	24	11	13	13
	14	13	12	19	-	16	16	-	-
	-	-	-	-	-	-	24	-	12
UEDH9Z	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
UETQ9M	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
UJBUC	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
ULCTE6	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	Not Tested	18	18	22	24	Not Tested	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 4sp - YSTR Results

ULY9WF	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
UU784W	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
V6Y82T	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
V87VNF	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
VGWE6A	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
VXZF2B	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12		18	18	22	24		12
W2LV94	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
W3MPHM	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	10	12
W9EW63	Yfiler™								
4sp	35,36	14	11,14	13	29	24	11	13	13
	14	13	12	19	30	16	16	11	22
	34	12	-	18	18	22	24	-	12
WEG2WL	Yfiler™								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		
							24		12
WF3QLE	PowerPlex® Y 23								
4sp		14	11,14	13	29	24	11	13	13
	14	13	12	19		16	16		22
		12	13	18	18		24	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 4sp - YSTR Results

WW2RX7	Yfiler™									
	4sp	14	13	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		24
WWLCXC	PowerPlex® Y 23									
	4sp	14	13	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
X776LD	PowerPlex® Y 23									
	4sp	14	13	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
XGNHQB	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
Y4WB9Z	PowerPlex® Y 23									
	4sp	14	13	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
Y7786Q	PowerPlex® Y 23									
	4sp	14	13	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
Y7ARYK	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
YUPKWP	PowerPlex® Y 23									
	4sp	14	13	11,14	13	29	24	11	13	13
		14	13	12	19		16	16		22
YXRGLK	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
Z24TV7	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22
Z67LXG	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	24	11	13	13
		14	13	12	19	30	16	16	11	22

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										
Z73ZKA	Yfiler™ Plus									
4sp	35,36	14	11,14	13	29	24	11	13	13	
	14	13	12	19	30	16	16	11	22	
	34	12		18	18	22	24		12	
Z7ZCYP	PowerPlex® Y 23									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16		22	
		12	13	18	18		24	10	12	
Z8VLZY	Yfiler™									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	
ZAXLXB	PowerPlex® Y 23									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16		22	
		12	13	18	18		24	10	12	
ZH8E7E	PowerPlex® Y 23									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16		22	
		12	13	18	18		24	10	12	
ZHR7AX	Yfiler™									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	
ZMNPBW	Yfiler™									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	
ZTRU3F	PowerPlex® Y 23									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16		22	
		12	13	18	18		24	10	12	
ZX6CKW	Yfiler™									
4sp		14	11,14	13	29	24	11	13	13	
	14	13	12	19		16	16			
							24		12	

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
-------	---------	--------	--------	--------	---------	----------	--------	---------	----------

No additional DNA results were reported.

DNA Interpretations

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

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22MUH9	Yes	Yes	No	Yes	3MYAEQ	Yes	Yes	No	Yes
24QRNU	Yes	Yes	No	Yes	3NMVE8	Yes	Yes	No	Yes
27GDCW	Yes	Yes	No	Yes	3PJA3K	Yes	Yes	No	Yes
288623	Yes	Yes	No	Yes	3JULYWE	Yes	Yes	No	Yes
2AVM8U	Yes	Yes	No	Yes	3VUBEG	Yes	Yes	No	Yes
2DXLK9	Yes	Yes	No	Yes	3W4CN	Yes	Yes	No	Yes
2G9VGJ	Yes	Yes	No	Yes	3XV9VB	Yes	Yes	No	Yes
2LBDEC	Yes	Yes	No	Yes	43ZLUK	Yes	Yes	No	Yes
2MJJJZ	Yes	Yes	No	Yes	44KEVH	Yes	Yes	No	Yes
2NF73J	Yes	Yes	No	Yes	44YUXX	Yes	Yes	No	Yes
2NYE8Y	Yes	Yes	No	Yes	48JGY	Yes	Yes	No	Yes
2QVU8N	Yes	Yes	No	Yes	4BJWE2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2QYB89	Yes	Yes	No	Yes	4BZHXW	Yes	Yes	No	Yes
2RR8UG	Yes	Yes	No	Yes	4D7CUB	Yes	Yes	No	Yes
2WTWQW	Yes	Yes	No	Yes	4DDVZ8	Yes	Yes	No	Yes
2YGYPA	Yes	Yes	No	Yes	4E3QDM	Yes	Yes	No	Yes
2YYFX6	Yes	Yes	No	Yes	4FDR33				
2YZ3YV	Yes	Yes	No	Yes	4HNDAG	Yes	Yes	No	Yes
322ZWN	Yes	Yes	No	Yes	4LE3WD	Yes	Yes	No	Yes
37BJ7V	Yes	Yes	No	Yes	4UDACE	Yes	Yes	No	Yes
3CFWWL	Yes	Yes	No	Yes	4V32NJ	Yes	Yes	No	Yes
3DAKDW	Yes	Yes	No	Yes	629XYW	Yes	Yes	No	Yes
3JEBW2	Yes	Yes	No	Yes	66AVKW	Yes	Yes	No	Yes

TABLE 5

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
69WCAW	Yes	Yes	No	Yes	8KW2T3	Yes	Yes	No	Yes
6EHGV7	Yes	Yes	No	Yes	8ZMY8Q	Yes	Yes	No	Yes
6J9Q64	Yes	Yes	No	Yes	93CX48	Yes	Yes	No	Yes
6K3LJZ	Yes	Yes	No	Yes	984YRL	Yes	Yes	No	Yes
6KZY3L	Yes	Yes	No	Yes	99YGBB	Yes	Yes	No	Yes
6NLMVY	No Interp	No Interp	No Interp	No Interp	9AVUX3	Yes	Yes	No	Yes
6PEMP4	Yes	Yes	No	Yes	9DEVVW	Yes	Yes	No	Yes
6PUVRD	Yes	Yes	No	Yes	9E4BXQ	Yes	Yes	No	Yes
6Q6ULL	Yes	Yes	No	Yes	9GDRCV	Yes	Yes	No	Yes
6Q9H4Z	Yes	Yes	No	Yes	9HLJAW	Yes	Yes	No	Yes
6TEKA6	Yes	Yes	No	Yes	9HMYFN	Yes	Yes	No	Yes
6WTK6B	Yes	Yes	No	Yes	9KP7YU	Yes	Yes	No	Yes
73JL7U	Yes	Yes	No	Yes	9MWJK3	Yes	Yes	No	Yes
73YD2R	Yes	Yes	No	Yes	9NPMYV	Yes	Yes	No	Yes
7CAGHC	Yes	Yes	No	Yes	9TNUPY	Yes	Yes	No	Yes
7DX9UG	Yes	Yes	No	Yes	9XHXAQ	Yes	Yes	No	Yes
7FYCKH	Yes	Yes	No	Yes	9YDAFR	Yes	Yes	No	Yes
7GWMFK	Yes	Yes	No	Yes	A9XZD4	Yes	Yes	No	Yes
7HFD3C	Yes	Yes	No	Yes	ABH7HT	Yes	Yes	No	Yes
7HWYMR	Yes	Yes	No	Yes	ADNKBR	Yes	Yes	No	Yes
7QH NZ2	Yes	Yes	No	Yes	AHFN4W	Yes	Yes	No	Yes
7W92Y4	Yes	Yes	No	Yes	AKZPUC	Yes	Yes	No	Yes
7ZEXQ6	Yes	Yes	No	Yes	ALK4Q2	Yes	Yes	No	Yes
8FM9V4	Yes	Yes	No	Yes	AN726K	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8KJXEV	Yes	Yes	No	Yes	AT69QH	Yes	Yes	No	Yes

TABLE 5

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
AUBXNK	Yes	Yes	No	Yes	CNDCJ2	Yes	Yes	No	Yes
AW3RU2	Yes	Yes	No	Yes	CRL7XY	Yes	Yes	No	Yes
AYUQ9Y	Yes	Yes	No	Yes	CU68WR	Yes	Yes	No	Yes
B2TJGN	Yes	Yes	No	Yes	CU7ACY	Yes	Yes	No	Yes
B3ZU6R	Yes	Yes	No	Yes	CUC6CX	Yes	Yes	No	Yes
B63XN2	Yes	Yes	No	Yes	CVHTEG	Yes	Yes	No	Yes
B72ZHC	Yes	Yes	No	Yes	CYUYR3	Yes	Yes	No	Yes
B8DN7H	No Interpretations Reported, DNA Analyzed for Database purposes only.				D264X4	Yes	Yes	No	Yes
BD7TYM	Yes	Yes	No	Yes	D26YM2	Yes	Yes	No	Yes
BPCTMY	Yes	Yes	No	Yes	D6XZQB	Yes	Yes	No	Yes
BVLMH2	Yes	Yes	No	Yes	D6ZRMX	Yes	Yes	No	Yes
BWGD43	Yes	Yes	No	Yes	D6ZTGW	Yes	Yes	No	Yes
BWGHE6	Yes	Yes	No	Yes	DBDEP3	Yes	Yes	No	Yes
C3FLG9	Yes	Yes	No	Yes	DGDZDW	Yes	Yes	No	Yes
C6L4MR	Yes	Yes	No	Yes	DGV37Q	Yes	Yes	No	Yes
C739AW	Yes	Yes	No	Yes	DH3FER	Yes	Yes	No	Yes
C7V7BB	Yes	Yes	No	Yes	DHL6X8	Yes	Yes	No	Yes
C8AFMW	Yes	Yes	No	Yes	DJ33K6	No Interp	No Interp	No Interp	No Interp
C8TF8E	Yes	Yes	No	Yes	DJKDWJ	Yes	Yes	No	Yes
CBDAEZ	Yes	Yes	No	Yes	DP9ZUA	Yes	Yes	No	Yes
CDF9E8	Yes	Yes	No	Yes	DPDBR2	Yes	Yes	No	Yes
CDWBDT	Yes	Yes	No	Yes	DT9AZ6	Yes	Yes	No	Yes
CFLQFN	Yes	Yes	No	Yes	DVYXBQ	Yes	Yes	No	Yes
CFRW8K	Yes	Yes	No	Yes	E3A8UY	Yes	Yes	No	Yes
CHDPXT	Yes	Yes	No	Yes	E7CFJN	Yes	Yes	No	Yes

TABLE 5

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
EBPPKD	Yes	Yes	No	Yes	GBYJAC	No Interpretations Reported, DNA Analyzed for Database purposes only.			
EC38ZC	Yes	Yes	No	Yes	GGJTBU	Yes	Yes	No	Yes
EFVK9T	Yes	Yes	No	Yes	GR3GP8	Yes	Yes	No	Yes
EFYTRE	No Interpretations Reported, DNA Analyzed for Database purposes only.				GVJAMM	Yes	Yes	No	Yes
EJZKQK	Yes	Yes	No	Yes	GXBCKN	Yes	Yes	No	Yes
EKCQY2	Yes	Yes	No	Yes	GZW8RN	Yes	Yes	No	Yes
EPA9HM	Yes	Yes	No	Yes	GZYQ6R	Yes	Yes	No	Yes
ET67LK	Yes	Yes	No	Yes	H2TW3X	Yes	Yes	No	Yes
EUZHRL	Yes	Yes	No	Yes	H72MEW	Yes	Yes	No	Yes
EVTHKQ	Yes	Yes	No	Yes	HA4NFT	Yes	Yes	No	Yes
F8X668	Yes	Yes	No	Yes	HAVAQQ	Yes	Yes	No	Yes
FAR8AG	Yes	Yes	No	Yes	HURJZ9	Yes	Yes	No	Yes
FCBUJA	Yes	Yes	No	Yes	J6G3RJ	Yes	Yes	No	Yes
FHGJ6N	Yes	Yes	No	Yes	J8NCUN	Yes	Yes, bld; No, sp	No	Yes, bld; Yes, sp
FRBH6B	Yes	Yes	No	Yes	JH6WG7	Yes	Yes	No	Yes
FTZX3Y	Yes	Yes	No	Yes	JKVWDL	Yes	Yes	No	Yes
FU8FZV	Yes	Yes	No	Yes	K2HYMH	Yes	Yes	No	Yes
FV4TP9	Yes	Yes	No	Yes	K3847P	Yes	Yes	No	Yes
FVAWNU	Yes	Yes	No	Yes	K7WLCG	Yes	Yes	No	Yes
FX7TLY	Yes	Yes	No	Yes	K9DZPP	Yes	Yes	No	Yes
FXEGFZ	Yes	Yes	No	Yes	KDNBK4	Yes	Yes	No	Yes
FYML4W	Yes	Yes	No	Yes	KK6LX6	Yes	Yes	No	Yes
GANE4Z	Yes	Yes	No	Yes	KNDD9C	Yes	Yes	No	Yes
GBH679	Yes	Yes	No	Yes	L4MVMD	Yes	Yes	No	Yes
					L4ZMD9	Yes	Yes	No	Yes

TABLE 5

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
L7MR2Q	Yes	Yes	No	Yes	NC7AGT	Yes	Yes	No	Yes
L9QU44	Yes	Yes	No	Yes	NECPVC	Yes	Yes	No	Yes
LAQZEW	Yes	Yes	No	Yes	NGJRXA	Yes	Yes	No	Yes
LARTC6	Yes	Yes	No	Yes	NLH4Z2	Yes	Yes	No	Yes
LCRXVQ	Yes	Yes	No	Yes	NLVXCV	Yes	Yes	No	Yes
LE4HWD	Yes	Yes	No	Yes	NPV98V	Yes	Yes	No	Yes
LEXK9V	Yes	Yes	No	Yes	NQ2KWJ	Yes	Yes	No	Yes
LGTZWD	Yes	Yes	No	Yes	NWCJKW	Yes	Yes	No	Yes
LLVARK	Yes	Yes	No	Yes	NYJX9P	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LLXYVH	Yes	Yes	No	Yes	NYBKF	Yes	Yes	No	Yes
LNRYFT	Yes	Yes	No	Yes	P4PVAG	Yes	Yes	No	Yes
LYQVFA	Yes	Yes	No	Yes	P8NW4P	Yes	Yes	No	Yes
M4LE9E	Yes	Yes	No	Yes	P8UKFW	Yes	Yes	No	Yes
M9WY4J	Yes	Yes	No	Yes	PAVQTG	Yes	Yes	No	Yes
MAK69V	Yes	Yes	No	Yes	PCLNQN	Yes	Yes	No	Yes
MALX74	Yes	Yes	No	Yes	PDGDPB	Yes	Yes	No	Yes
MBYXEC	Yes	Yes	No	Yes	PKXYJF	Yes	Yes	No	Yes
MEXNQD	Yes	Yes	No	Yes	PMMD4J	Yes	Yes	No	Yes
MKNLAE	Yes	Yes	No	Yes	PPVTPA	Yes	Yes	No	Yes
MMUN3J	Yes	Yes	No	Yes	PQNE8L	Yes	Yes	No	Yes
MR6RYD	Yes	Yes	No	Yes	PT8F7E	Yes	Yes	No	Yes
MRK3KY	Yes	Yes	No	Yes	PVPRTX	Yes	Yes	No	Yes
MTXP6Y	Yes	Yes	No	Yes	PW9B2B	Yes	Yes	No	Yes
MVXRZ3	Yes	Yes	No	Yes	PWTZCJ	Yes	Yes	No	Yes
N69G9Y	Yes	Yes	No	Yes	PXK892	Yes	Yes	No	Yes

TABLE 5

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
PYF3CH	Yes	Yes	No	Yes	RTM8GB	Yes	Yes	No	Yes
Q2EJLC	Yes	Yes	No	Yes	RW2U7A	Yes	Yes	No	Yes
Q3Q89X	Yes	Yes	No	Yes	RW48KB	Yes	Yes	No	Yes
Q6XF9G	Yes	Yes	No	Yes	RX8Q2C	Yes	Yes	No	Yes
Q7B93J	Yes	Yes	No	Yes	T74KWP	Yes	Yes	No	Yes
QATJFF	Yes	Yes	No	Yes	T8FWWK	Yes	Yes	No	Yes
QAU4ZA	Yes	Yes	No	Yes	T8XENR	Yes	Yes	No	Yes
QB48GE	Yes	Yes	No	Yes	T9MWC7	Yes	Yes	No	Yes
QFYP7R	No Interp	No Interp	No Interp	No Interp	TBD3TW	Yes	Yes	No	Yes
QQEVNN	Yes	Yes	No	Yes	TD6YTC	Yes	Yes	No	Yes
QQH48A	Yes	Yes	No	Yes	TG3BJH	Yes	Yes	No	Yes
QW67Z8	Yes	Yes	No	Yes	TG4CEG	Yes	Yes	No	Yes
QXBQLL	Yes	Yes	No	Yes	TRYJYE	Yes	Yes	No	Yes
R4GL6L	Yes	Yes	No	Yes	TUVN7U	Yes	Yes	No	Yes
R7UP24	Yes	Yes	No	Yes	TVK7V9	Yes	Yes	No	Yes
R8486N	Yes	Yes	No	Yes	TVLF8J	Yes	Yes	No	Yes
R8KJPF	Yes	Yes	No	Yes	TW4WFE	Yes	Yes	No	Yes
RGTXPV	Yes	Yes	No	Yes	TXQNVP	Yes	Yes	No	Yes
RHHFEA	Yes	Yes	No	Yes	TZCDDG	Yes	Yes	No	Yes
RKAHFH	Yes	Yes	No	Yes	U638NM	Yes	Yes	No	Yes
RLEYKE	Yes	Yes	No	Yes	U8ENJE	Yes	Yes	No	Yes
RPFAC9	Yes	Yes	No	Yes	UAJEN9	Yes	Yes	No	Yes
RPKBT2	Yes	Yes	No	Yes	UCJNGW	Yes	Yes	No	Yes
RQAXTH	Yes	Yes	No	Yes	UEDH9Z	Yes	Yes	No	Yes
RR6CGW	Yes	Yes	No	Yes	UETQ9M	Yes	Yes	No	Yes

TABLE 5

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
UJBUCC	Yes	Yes	No	Yes	WRDLG4	Yes	Yes	No	Yes
UJPFLE	Yes	Yes	No	Yes	WW2RX7	Yes	Yes	No	Yes
UKXMTM	Yes	Yes	No	Yes	WWLCXC	Yes	Yes	No	Yes
ULCTE6	Yes	Yes	No	Yes	X776LD	Yes	Yes	No	Yes
ULY9WF	Yes	Yes	No	Yes	XAP8K7	Yes	Yes	No	Yes
UU784W	Yes	Yes	No	Yes	XBJN4U	Yes	Yes	No	Yes
UYHZGG	Yes	Yes	No	Yes	XF9EY6	Yes	Yes	No	Yes
UZA6M9	Yes	Yes	No	Yes	XGNHQB	Yes	Yes	No	Yes
V4NXH9	Yes	Yes	No	Yes	XMWR96	Yes	Yes	No	Yes
V6Y82T	Yes	Yes	No	Yes	XQDDYR	Yes	Yes	No	Yes
V87VNF	Yes	Yes	No	Yes	XZ32UU	Yes	Yes	No	Yes
VGWE6A	Yes	Yes	No	Yes	Y4WB9Z	Yes	Yes	No	Yes
VKH224	Yes	Yes	No	Yes	Y7786Q	Yes	Yes	No	Yes
VMYXKG	Yes	Yes	No	Yes	Y7ARYK	Yes	Yes	No	Yes
VX7KMF	Yes	Yes	No	Yes	Y8KRXZ	Yes	Yes	No	Yes
VXZF2B	Yes	Yes	No	Yes	YCDTXU	Yes	Yes	No	Yes
W2LV94	Yes	Yes	No	Yes	YCL2T8	No Interp	No Interp	No Interp	No Interp
W3MPHM	Yes	Yes	No	Yes	YPBXV6	Yes	Yes	No	Yes
W89DF8	Yes	Yes	No	Yes	YUPKWP	Yes	Yes	No	Yes
W9EW63	Yes	Yes	No	Yes	YXALQC	Yes	Yes	No	Yes
WDU9GB	No Interpretations Reported, DNA Analyzed for Database purposes only.				YXRGLK	Yes	Yes	No	Yes
WEG2WL	Yes	Yes	No	Yes	Z24TV7	Yes	Yes	No	Yes
WF3QLE	Yes	Yes	No	Yes	Z4NTLL	Yes	Yes	No	Yes
WGTQAW	No Interpretations Reported, DNA Analyzed for Database purposes only.				Z67LXG	Yes	Yes	No	Yes
					Z73ZKA	Yes	Yes	No	Yes

TABLE 5

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
Z7ZCYP	Yes	Yes	No	Yes					
Z8VLZY	Yes	Yes	No	Yes					
Z8ZBFC	Yes	Yes	No	Yes					
ZAXLXB	Yes	Yes	No	Yes					
ZB9RFZ	Yes	Yes	No	Yes					
ZDLAPX	Yes	Yes	No	Yes					
ZDX68J	Yes	Yes	No	Yes					
ZH8E7E	Yes	Yes	No	Yes					
ZHR7AX	Yes	Yes	No	Yes					
ZLFH94	Yes	Yes	No	Yes					
ZMNPBW	Yes	Yes	No	Yes					
ZNMNU6	No Interp	No Interp	No Interp	No Interp					
ZTRU3F	Yes	Yes	No	Yes					
ZX6CKW	Yes	Yes	No	Yes					
ZXZ7T2	Yes	Yes	No	Yes					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 359			
<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	345	345	0	345
No	0	0	345	0
Inc	0	0	0	0
No Interpretation	5	5	5	5
No Response	1	1	1	1

Participants analyzing DNA for database purposes only: 8

Additional Comments

TABLE 6

WebCode	Additional Comments
22MUH9	Item 4 SF (Globalfiler)- Tried increased injection time, however there is possible allelic dropout at SE33. There is one peak called below stochastic threshold and one peak that is visible below the detection threshold. * = possible allelic dropout Item 4 SF (Yfiler)- unable to obtain a full profile. used all procedures available including increased injection time & and microcon - 1 allele missing at DYS438. NAD = no alleles detected.
288623	The genetic profile obtained from item 1 is coincident with the genetic profile obtained from item 3 (in its female fraction "e"), with a random match probability of one in 1.79×10^{E20} individuals. The genetic profile obtained from item 2 is coincident with the genetic profile of item 4 (in its male fraction "sp") with a random match probability of 1.77×10^{E20} individuals. The genetic profile obtained from item 1 and 2 are present in the mixture of genetic profiles obtained from the female fraction of item 4.
2DXLK9	*A full Yfiler profile was not obtained for the epithelial fraction of item 4. No alleles were called at DYS392 and DYS448. All available laboratory procedures (longer CE injection times and microcon) were used to attempt to obtain a full profile.
2LBDEC	NR = no result. F6C & YF results were concordant, where applicable. Sexual assault cases are screened by the Forensic Biology section prior to DNA testing.
2MJJJZ	---: No results
2NF73J	NR = no result
2NYE8Y	NR = No Result
2QVU8N	1. Item 1 and Item 2 were extracted using in-situ method. 2. Bloodstains of Item 3 and Item 4 were extracted using the DNA IQ kit on TECAN Freedom Evo 150 whereas differential extraction of Item 4 was extracted using chelex method 3. Item 3 and 4 were both quantified using the Quantifiler Human DNA Quantification Kit by Quant Studio 5. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR Kit and electrophoresis was carried out using 3130xL Genetic Analyzer. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR Kit and electrophoresis was carried out using 3130xL Genetic Analyzer. 6. Y-STR analysis was carried on Item 2 and Item 4 using the AmpFSTR Y-Filer kit. Electrophoresis were carried out using Applied Biosystem 3130xL Genetic Analyzer. 7. Reagent blank, positive and negative control were carried out along with the analysis and gave correct designated result.
2RR8UG	reporting with stutter filters on
2WTWQW	Possible n+4 stutter peak (24) observed in item 4e at FGA. Possible n-4 stutter peaks were observed in item 4sp at CSF1PO (11) and D2S1338 (19) at levels exceeding the laboratory's validated stutter thresholds.
37BJ7V	Possible alleles were detected below the analytical threshold in one of the negative controls, however in the analyst's opinion this does not affect the interpretation of the DNA results in the associated samples. The remaining controls yielded expected results.
3JEBW2	samples reported with stutter filters on
3MYAEQ	NR = No Result
44YUXX	NR = no result
48JGYY	reporting results with stutter filters on; Y-STR testing not performed on epithelial cell fraction of Item 4 - only sperm cell fraction.
4BJWE2	I am only trained in databasing, therefore my data interpretation is limited to allele calls.
4BZHXX	NR = No Results

TABLE 6

WebCode	Additional Comments
4FDR33	This Proficiency Test was conducted by [Name], a laboratory technician who is not trained in data interpretation. Allele calls were entered by a DNA analyst for reporting purposes only and no data interpretation as performed.
4HNDAG	Brackets represent minor or weak alleles.
4LE3WD	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 Repeat) Genetic Loci were carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5)Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-File PCR Amplification Kit. 6)Capillary electrophoresis were carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software and Applied Biosystems 3500xl Genetic Analyzer with GeneMapper IDX Software. 7)Reagent blank, positive control and negative control were carried out throughout the analysis.
4UDACE	Brackets represent minor or weak alleles. The 10 allele reported at DYS391 (in Globalfiler data) for Item 4e (F1 epithelial fraction) is in an elevated stutter position and was not filtered by the laboratory analysis software. Per laboratory protocol, it would be reported as additional genetic data that could not be conclusively interpreted. The 19 allele at D3S1358 for Item 4 F3 (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.
66AVKW	Mixture present in item 4.o-Epi fraction were due to carry over during the differential extraction.
69WCAW	In DNA results where alleles are entered, NR = no result obtained.
6J9Q64	The probabilistic genotyping software, STRmix, was used for all DNA interpretation. All potential alleles considered during deconvolution have been reported.
6K3LJZ	reporting results with stutter filters on
6KZY3L	NT=not tested. NR=no results.
6NLMVY	The known samples were not profiled and no interpretations were reported. Items 3 and 4 were profiled to confirm that correct results were obtained for the assigned analyst who is proficiency tested in DNA extraction through quantitation of evidentiary samples.
6PEMP4	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
6Q6ULL	a-HuHb used Hematrace and ouchterlony tests. NR = No DNA results obtained.
6Q9H4Z	Reporting results with stutter filters on.
6TEKA6	# - indicates subtraction performed. NR - no result.
73JL7U	NR = not reportable/no result
7CAGHC	The 16 allele reported at D2S1338 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.
7HFD3C	Brackets represent minor or weak alleles. The 31.2 allele reported at locus 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.
7HWYMR	Laboratory policy allows for analyst discretion, based on training and experience, in the selection of screening tests being performed.

TABLE 6

WebCode	Additional Comments
7QHNZ2	We have carried out a differential extraction for Item 4, and obtained mixed profile on epithelial fraction (supernatant). Therefore we have filled out the 'Item 4e' result form according to this.
7W92Y4	^ indicates peaks below stochastic threshold as per [Laboratory] policy.
8FM9V4	The epithelial fraction of item 4 was not amplified with PowerPlex Y23, and therefore no data was entered into the Y-STR allelic results table.
8KW2T3	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
99YGBB	In the F3 fraction (substrate fraction), an elevated stutter allele (31.2) was detected at SE33. This elevated stutter allele was not filtered with laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
9GDRCV	Overlapping YSTR and PPFusion loci concordant. Overlapping loci with ID+ and PPFusion 6C concordant.
9KP7YU	For tabular data: NR = No Results, NT = Not Tested
9XHXAQ	MiniFiler was also used to amplify item 3. Concordant results were obtained for item 3 for 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.
A9XZD4	AP test for both #3 & #4 inconclusive due to transfer of reddish-brown color from stain to swab when testing. NR = no results. Concordant results generated for Items 1 & 2 for Fusion 6C and Fusion Direct.
ABH7HT	reporting results with stutter filters on
B2TJGN	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.
B3ZU6R	Reporting results with stutter filters on
B63XN2	Item 2- Elevated stutter at DYS391 (10 allele at 7.45%) and N+4 at D5S818 at 1.9%. Item 4A (sperm fraction) - Elevated stutter at DYS391 (10 allele at 8.6%).
BWGD43	KM testing done by DNA analyst. No other serological testing done by analyst. In Item #4, SP fraction results at D8S1179 are 10,14 and at TH01 results are 6,7. NR stands for No Result. Results for DYS391 locus were concordant between Fusion 6C and Yfiler testing on samples where both kits were used for testing.
C3FLG9	In item 4 the result of the epithelial fraction is the result of total DNA.
C6L4MR	NR = no DNA typing results obtained at this locus
C739AW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
C8TF8E	NR = No results
CBDAEZ	*AP -> inconclusive due to RB stain - unable to discern possible color change. NR = No Result. Forensic Biology Analyst performed all screening tests in Part I [Table 1 - Serology Screening Results].
CHDPXT	reporting results with stutter filters on
CU68WR	Sperm cells were observed and semen was confirmed on item 4. However, item 4 yielded negative results with Acid Phosphatase testing multiple times. The AP used passed QC and was functioning properly. Based on the observed sperm cells, positive AP results would also be expected from item 4. Were there any sample preparation issues that could explain the negative AP results for item 4?

TABLE 6

WebCode	Additional Comments
CUC6CX	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.
CVHTEG	reporting with stutter filters on
DGDZDW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
DJ33K6	No interpretation performed. Proficiency used for screening purposes only.
E7CFJN	AP results were negative for item 4. AP test was performed three times including direct and mapping methods.
EC38ZC	MiniFiler was also used to amplify item 3. Concordant results were obtained for 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 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.
EJZKQK	Item 4 semen stain tested negative with AP test. NR denotes No Result.
EPA9HM	NR = no result
ET67LK	Minifiler was also used to amplify item 3. Concordant results were obtained for item 3 with both Globalfiler and Minifiler. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the female victim or the male suspect.
EVTHKQ	In Item 4 serology exams, the Acid Phosphatase test came up as negative in the time allotted for our procedure, and therefore I called the AP test negative. However, there was a positive reaction beyond that time frame. I still tested PSA for Item 4, which did give a positive reaction and sperm cells were present in the sperm fraction extraction. Therefore, I indicated semen was positive for Item 4. In Item 4 (sperm fraction and non-sperm fraction) and Item 2 (blood standard), all three profiles at Locus SE33 likely have elevated stutter (allele 29.2), but may be a tri-allele. The stutter ratios were above the forward and reverse stutter cut-offs, and therefore were not labeled as stutter. The newer multiplex kit Fusion 6C was used and SE33 is known for higher amounts of stutter. The SE33 locus was not used for statistics.
FAR8AG	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
FCBUJA	1. Item 1 and Item 2 were extracted using direct method. 2. Item 3 was extracted using DNA IQ kit on Tecan Freedom Evo 150 while Item 4 was extracted using Chelex method. 3. Quantification for Item 3 and Item 4 were carried out using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR-kit. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 6. Y-STR was carried out on Item 2 and Item 4 using AmpFISTR Y-Filer kit. 7. Electrophoresis on Item 1, Item 2, Item 3 and Item 4 were carried out using 3500xL Genetic Analyzer. 8. Electrophoresis of Y-STR on Item 2 and Item 4 carried out using 3130xL Genetic Analyzer. 9. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis.
FHGJ6N	Reporting results with stutter filters on.
FVAWNU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
GCPBCM	This test was for serology, extraction, and quantitation only. The AP results for item 4 were very weak.
GGJTBU	Item 4 Screening for semen: AP testing was negative, but numerous spermatozoa were observed for this item. The laboratory's technical procedures do not allow the reporting of semen when only AP and microscopy are performed with these results.
GR3GP8	NR = No Result

TABLE 6

WebCode	Additional Comments
GVJAMM	Reporting results with stutter filters on.
GZW8RN	Probabilistic genotyping (STRmix) was used for data analysis with stutter 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.
J8NCUN	Stain 4 - 2 samples tested: one sample was blood cut directly from stain; other sample was the seminal fraction extracted from stain. Results indicate presence of semen from suspect & blood from victim, mixed.
JKVWDL	An inconclusive AP result was obtained from item 4. As a result in addition to the blood sample processed (refer tab Item 4 for DNA results) an additional sample was submitted for DNA and a differential extraction was performed. No DNA result was obtained from both the sperm and non-sperm fractions. When combined with the negative results obtained from the P30 and the H&E slide the conclusion was semen was not detected on item 4. In casework the mixed DNA profile obtained from item 4 would have been analysed with STRmix and a Likelihood Ratio (LR) provided in the statement indicating the strength of the DNA evidence. A default LR would be provided for the single source DNA profile obtained from item 3.
JZQQTG	DNA analysis not performed. Used for screening only.
K3847P	^ indicates peak below stochastic threshold per [Laboratory] policy. # indicates allele(s) subtracted from a known donor profile as per [Laboratory] policy. NR= No Result.
K9DZPP	NR=no results. ^ indicates alleles below stochastic threshold per policy. # indicates subtraction of the corresponding sperm fraction.
KK6LX6	NR = No Typing results
KNDD9C	Item 4-EP: 10 allele at DYS391 likely stutter however we do not edit non-spectral artifacts in the Y loci.
LCRXVQ	Probabilistic genotyping (STRmix) used for data analysis with stutter peaks filtered.
LE4HWD	Item 3 was also amplified using MiniFiler. MiniFiler results were concordant with GlobalFiler results at all matching loci. 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.
LEXK9V	1. Item 3 was extracted using PrepFiler Express Automated while Item 4 was extracted using Chelex Differential Extraction. 2. Then they were quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. 3. Direct amplification of STR on Item 1 and Item 2 was carried out by Thermal Cycler GeneAmp PCR System 9700. 4. Amplification of STR on Item 3 and Item 4 was carried out by Thermal Cycler GeneAmp PCR System 9700. 5. Electrophoresis process was carried out by Genetic Analyser 3500xl for Item 1 to Item 4. 6. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
LGTZWD	CTS-18-5703 Item 4 did not fluoresce when observed using the ALS. The test result of the stain on Item 4 using the AP reagent for the presence of possible semen was negative; however, the PSA test result for this sample was positive in addition to the presence of spermatozoa (intact and non-intact) observed during microscopic analysis of the sample. A re-test of the stain on Item 4 using the AP reagent still resulted in a negative result. The positive and negative controls for the AP reagent used were working properly.
LLVARK	Partial Y-STR profile was obtained from the sperm cell fraction of Item 4 and a full Y-STR profile was obtained from the non-sperm cell fraction of Item 4; therefore, the sperm cell fraction was not re-amplified.
LLXYVH	Epithelial fraction of Item 4 exhibited a partial profile for Y-markers but that does not invalidate our conclusion regarding this sample.
M4LE9E	NR = no result

TABLE 6

WebCode	Additional Comments
MBYXEC	Small 21 allele detected at D21S11 in epithelial fraction of Item 4. This peak was interpreted as N+4 stutter from the 20 allele.
MEXNQD	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction. No alleles are present that cannot be attributed to the victim or the male donor from the sperm fraction. Minifiler was also used to amplify item 3. Concordant results were obtained for all loci for GlobalFiler and Minifiler.
NE848J	There really should be slightly more information about the case if this test is to mimic actual casework testing procedures. For example, details about the sexual assault (vaginal penetration? ejaculation? oral copulation? bleeding injuries? etc.) would be provided to the analyst and/or the analyst would contact the investigator to get this information in order to select the most appropriate/probative/efficient analyses.
NPV98V	The epithelial portion of Item 4 was a mixture of DNA profiles. Both the victim and the suspect could not be excluded as sources of the DNA obtained from the epithelial portion of Item 4.
NWC8TE	Performed extraction and quantitation for in-house proficiency. Serology only reported to CTS.
NYJX9P	Proficiency test to assess the bench work performed by lab assistant.
NYYBKF	Reporting results with stutter filters on.
P8NW4P	Item 4 was sampled twice. The first non sperm fraction of the first sample produced a 2 person mixture. The non sperm fraction of the second sample produced in a 3 person mixture (1 allele not accounted for Victim and Suspect @THO1 182rfu), possible drop in. I have included the allelic details of the DNA profile from the 3 person mixture.
PCLNQN	NR = No Result. Performed KM screening test on items 3 and 4. All other screening tests performed by analyst from Forensic Biology Unit, including AP. *AP -> Inconclusive due to RB stain - unable to discern possible color change.
PDGDPB	Minifiler was also used to amplify item 3. Concordant results were obtained with all loci for 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 suspect from the sperm fraction.
PPVTPA	Laboratory policy allows for analyst discretion, based on training and experience, in the selection of screening tests being performed.
PQNE8L	NR = no result. NID = no interpretable data.
PT8F7E	FYI - Item 4 was tested in several areas for AP, the edges were a weak positive and the middle was negative.
PWTZCJ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
PXK892	NR = No result
PYF3CH	Results relating to 1D. Very low number of spermatozoa observed on slides (3 made). Partial DNA profile obtained from the sperm fraction of the sample which is explainable due to the low sperm numbers. NR= no result for allele.
Q2EJLC	Reporting results with stutter filters on.
QFYP7R	No interpretations performed. Proficiency used for screening purposes only.
QQH48A	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.

TABLE 6

WebCode	Additional Comments
QXBQLL	PSA testing was performed on item 3.1 and 4.1 to determine whether a differential extraction should be performed. Item 3.1 was PSA negative, so a non-differential extraction was performed. Item 4.1 was PSA positive, so a differential extraction was performed. This serology testing is not part of this proficiency test.
R4GL6L	Elevated stutter at DYS392.
RHHFEA	"---" means no result was obtained at this locus.
RKAHFH	Brackets represent minor or weak alleles.
RPKBT2	NR=no results
RR6CGW	NR = No results
RW48KB	AP was negative on both item 3 and item 4. A sperm search was performed on both samples and sperm was indicated on only item 4.
T74KWP	reporting with stutter filters on
T8XENR	Alleles in parentheses () are below the laboratory's stochastic threshold (300 RFU).
TBD3TW	1. Item 1 and Item 2 were amplified by using AmpFiSTR Identifiler Direct. 2. Item 3 was extracted using Promega DNA-IQ Purification Kit via TECAN Freedom EVO HID EVOLution Platform. 3. Item 4 was extracted using chelex extraction method. 4. Quantification was carried out by using Quantifiler Human DNA Quantification Kit. 5. Item 3 and Item 4 were amplified by using AmpFiSTR Identifiler Plus. 6. AmpFiSTR Yfiler was used for Y-STR analysis. 7. Reagent blank, positive and negative control were also incorporated.
TDF24P	Stain identification only
TVK7V9	INC indicates inconclusive for the presence of alleles
TZCDDG	NR = no result. # - indicates that the associated known donor profile was subtracted as per [Laboratory] policy.
U638NM	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 Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Direct and Plus PCR Amplification kit. 5. Amplification of Y-STR (Short Tandem Repeat) 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 Gene Mapper ID Software. 7. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results.
U8ENJE	DYS391 is concordant in Items 2 and 4 between Globalfiler and YFiler Results.
UAJEN9	NR = No Results
UCJNGW	1. Item 1 and 2 were extracted using in-situ method and amplified using AmpFISTR Direct Kit in the 9700 Thermal Cycler. 2. Item 3 was extracted using the DNA IQ kit on Tecan Freedom Evo 150. Otherwise, Item 4 was extracted using Chelex Extraction. 4. Item 3 and 4 were quantified using Quantifiler Human DNA Quantification Kit and amplified using Identifiler Plus STR-Kit in the 9700 Thermal Cycler. 5. Y-STR was carried out for Item 1,2 and 4. 6. Electrophoresis was carried out using 3130xL and 3500xl Genetic Analyzer. 7. Reagent blank, positive control and negative control were also incorporate throughout the analysis, which gave the intended results.

TABLE 6

WebCode	Additional Comments
UJPFLE	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.
ULCTE6	[From Table 3 - YSTR Amplification Kit(s) & Results, Item 1: "Not tested"]
ULY9WF	The AP test was performed on Items 3 and 4. No AP was detected for either item. As per lab protocol, Items 3 and 4 were also tested for the presence of PSA. A positive result for the presence of PSA was only obtained for item 4. In addition, a microscope slide was made for Item 4 and spermatozoa were observed.
UYHZGG	Data generated by [Laboratory].
UZA6M9	NR = no DNA typing results obtained for this locus
V4NXH9	reporting results with stutter filters on
VKH224	Laboratory policy allows for analyst discretion, based upon training and experience in the selection of screening test being performed.
VMYXKG	Probabilistic genotyping (STRmix) used for data analysis with stutter peaks filtered.
VX7KMF	Data generated by [Laboratory].
WELC26	This test is being submitted for serology/stain identification only.
WF3QLE	only the sperm/substrate from item 4 (B3-4) was run for Y-STR's
WW2RX7	reporting results with stutter filters on
XBJN4U	NR = Not reportable / No Result
XF9EY6	reporting results with stutter filters on
Y7ARYK	brackets represent minor or weak alleles.
Y8KRXZ	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.
YCDTXU	NR= No Results
YCL2T8	Serology portion was conducted by [Name]. DNA portion was conducted by [Name], a laboratory technician who is not trained in data interpretation. Allele calls were entered by a DNA Analyst and no interpretations were made. Item 4 was not extracted, this technician does not do differential extractions on casework.
YPBXV6	Item 3 mRMP calculated with Familias3 = 6,86E29. Item 4 LR calculated with LRmix Studio. Item 1 + Unkn vs 2 Unkn = 1,8E+13 (d.o.=0.1). Item 2 + Unkn vs 2 Unkn = 1,3E+13 (d.o.=0.19). Item 1 + Item 2 vs 2 Unkn = 2,7E+30 (d.o.=0.2).
YXALQC	The Globalfiler STR data reported for items 3 and 4 are based upon an interpretation using STRmix, a probabilistic genotyping software program. This software may incorporate stutter peaks into the interpretation. However, in this specific case, the STRmix results do not include any alleles in addition to those that would be detected with a stutter filter applied.

TABLE 6

WebCode	Additional Comments
Z8VLZY	Due to ongoing inhibition issues with CTS samples, swabs were used to collect portions of the stains from items 3 (as item 3-1) and 4 (as item 4-1).
Z8ZBFC	Powerplex Y23 sample processing was conducted on the following items: Item 2, Item 4ns, and Item 4sp. YSTR analysis and interpretation was not conducted. N/A = not applicable. () parenthesis indicate minor alleles in a mixture.
ZAXLXB	Did not conduct Y-STR analysis on 4-1e.
ZB9RFZ	A screening test for semen (PSA) was used on Item 3 and 4 to determine if a differential extraction was needed. The positive result on Item 4 prompted the serologist to take it forward as a differential.
ZHR7AX	A low level Y-STR profile was obtained for item 4e with potential elevated stutter at DYS456 (15 allele) above the allowable stutter percentage. No other conclusive evidence of a mixture was observed for item 4e.
ZNMNU6	The known samples were not profiled and no interpretations were reported. Items 3 and 4 were profiled to confirm that correct results were obtained for the assigned analyst who is proficiency tested in DNA extraction through quantitation of evidentiary samples.
ZXZ7T2	Items 3 and 4 were PSA tested to determine whether the samples should be sent differential or non-differential.
ZZCLKG	DNA analysis was not performed due to the fact that the DNA unit was unavailable for DNA processing.

-End of Report-
(Appendix may follow)

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 18-5703: Forensic Biology

DATA MUST BE RECEIVED BY June 18, 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 was attending a party at a friend's house. She awoke the next morning covered in wounds with her pants around her ankles and immediately contacted the police. After interviewing several people that attended the party, a single suspect was identified and 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 B3):

- 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 (off-white)
- Item 4: Questioned stain from the victim's shirt (light pink)

Please return all pages of this data sheet.

Page 1 of 9

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="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1	<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
1	<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
1	<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	
1	<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
1	<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
1	<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
1	<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 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 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 <i>June 18, 2018</i> to be included in the report. Emailed data sheets are not accepted.		ONLINE DATA ENTRY: www.cts-portal.com
QUESTION?		FAX: +1-571-434-1937
TEL: +1-571-434-1925 (8 am - 4:30 pm EST)		MAIL: Collaborative Testing Services, Inc.
EMAIL: forensics@cts-interlab.com		P.O. Box 650820
www.ctsforensics.com		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. **18-5703: Forensic Biology**

This release page must be completed and received by **June 18, 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.