



Forensic Biology Test No. 15-575 Summary Report

This proficiency test was sent to 757 participants. 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 636 participants (84% response rate) and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains in Items 1 - 3 were prepared from human whole blood which was drawn into citric acid preservative blood bank bags. Item 4 was a mixture prepared from human whole blood and semen. The semen, procured from a cryobank, was from a single donor, but stored frozen in multiple vials at -196°C in liquid nitrogen tanks. The semen was thawed and first mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. This mixture was used to spot the Item 4 substrate. Item 1 ($75\ \mu\text{l}$) was created using blood collected from a female donor, Items 2 ($75\ \mu\text{l}$) and 3 ($50\ \mu\text{l}$) were created using blood collected from the same male donor. The Item 4 ($50\ \mu\text{l}$) mixture contained the blood from the Item 1 female donor and semen from a third party male donor whose known blood standard was not provided to participants. 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 September 1, 2015 following receipt of predistribution results.

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

VERIFICATION: Laboratories that conducted predistribution analysis of the samples reported consistent screening results, alleles and associations.

Manufacturer's Information, continued

Amelogenin and STR Results						
<i>Results compiled by predistribution laboratories and a consensus of at least 10 participants.</i>						
	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
	Penta D	Penta E	SE33	TH01	TPOX	vWA
1	12,16	17,24	10,11	14,15	13,13	8,10
	13,14	13,14	18,18	11,14	12,13	13,20
	13,13	29,30	15,16	X,X	10,12	22,24
	12,14	16,18	16,20	6,9.3	8,9	17,18
2	14,14	17,22	11,11	18,18	11,12	10,12
	12,14	11,13	17,17	11,12	9,12	17,18
	15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14	18,31.2	7,7	6,7	15,17
3	14,14	17,22	11,11	18,18	11,12	10,12
	12,14	11,13	17,17	11,12	9,12	17,18
	15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14	18,31.2	7,7	6,7	15,17
4-Blood	12,16	17,24	10,11	14,15	13,13	8,10
	13,14	13,14	18,18	11,14	12,13	13,20
	13,13	29,30	15,16	X,X	10,12	22,24
	12,14	16,18	16,20	6,9.3	8,9	17,18
4-Semen	16.3,18.3	19,22	11,14	14,19	9,11	9,13
	10,10	13,15	17,25	11,11	12,13	17,20
	13,13	30,30	15,17	X,Y	10,11	22,24
	11,14	7,18	14,21.2	8,9	8,9	15,17

YSTR Results								
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>								
	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
2	15	14,16	12	30	22	10	11	14
	17	8	12	20	15	17	27	12
	11	18	15	21	12	<8*	2	
3	15	14,16	12	30	22	10	11	14
	17	8	12	20	15	17	27	12
	11	18	15	21	12	<8*	2	
4-Semen	16	14,14	12	28	23	10	11	13
	16	10	11	20	15	16	24	11
	12	21	16	22	12	11	2	

* Due to variations in Laboratory specific reporting policies, "6" was also a common response for this locus.

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	1-526	16003-16569
2	1-531	16001-16569
3	26-464	16001-16418

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

Deviations HVR-II, HVR-I

	73.0		185.0	263.0	295.0	309.1	315.1	462.0	489.0	16069.0	16126.0
ITEM 1	G	A	G	T	C	C	T	C	C	T	C

	73.0	151.0	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0	523.0	524.0	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16311.0	16519.0
ITEM 2	G	T	C	T	T	C	A	G	C	G	D	D	C	T	C	T	T	T	T	C	C

	73.0	151.0	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16311.0
ITEM 3	G	T	C	T	T	C	A	G	C	G	C	T	C	T	T	T	T	C

Summary Comments

The 15-575 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). Item 1 was created with blood from a female donor. Items 2 and 3 were created with blood collected from the same male donor. Item 4 was a mixture created with blood collected from the same female donor as Item 1 along with semen from a male donor who was different from the donor of Items 2 and 3. (See Manufacturer's Information for preparation details)

Data were returned by a total of 636 participants, of these, 565 reported serology screening, and 611 reported DNA results.

Screening Test Results:

For Item 3, there were 552 participants that reported positive results for blood. There were 532 participants that reported negative results for semen, one that reported positive and one that reported inconclusive. There were 161 participants that reported negative results for saliva.

For Item 4, there were 552 participants that reported positive results for blood and for semen. There were 159 participants that reported negative results for saliva and four that reported inconclusive.

DNA Analysis Results:

Of the 611 participants reporting DNA data, 568 participants reported DNA results for Item 3 and 565 participants reported DNA results for Item 4 (three participants did not report interpretations for Item 4). There were 40 participants that stated they analyzed the samples for database purposes only and the remaining three left this section blank.

For the Item 3 stain, all 568 participants excluded the victim (Item 1) as a possible contributor and included the suspect (Item 2). For the Item 4 stain, 545 participants included the victim (Item 1) as a possible contributor, with one participant excluding the victim and 19 reporting inconclusive results. Likewise for the Item 4 stain, 555 participants excluded the suspect (Item 2) with 10 reporting inconclusive results.

Also for the Item 4 stain, fifty-eight participants reported allelic values different from the consensus results. These additional or missing alleles were mainly in the mixture results for Item 4. Forty-three participants reported additional alleles at one or more loci. The most common additional alleles were an additional "23" at the FGA locus for Item 4e reported by 17 participants and additional "18" at D3S1358 for Items 4e, 4sp, and 4, reported by 18 participants. A review of internal CTS staff DNA profiles eliminated the possibility of contamination during sample preparation and packaging.

There were eight participants that were missing alleles at one or multiple loci and four participants reported an inconsistent allele at a locus. Three participants reported a combination of inconsistent alleles, additional alleles and/or were missing alleles.

In the YSTR data, the male DNA used for Items 2 and 3 contained an off-ladder allele at the Y GATA H4 locus, which was reported either as a "<8" or "6". Twelve participants used some form of notation or symbol to denote this locus with an explanation in the additional comments.

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 for body fluid identification and human origin determination.

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
2448VH					
Item 3	Pos KM	Neg AP	NT		Human, Pos Plexor HY
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg RSID		Human, Pos Plexor HY, HemaTrace
24QZA2					
Item 3	Pos KM, Hexagon OBTI (HO)	Neg AP	NT		
Item 4	Pos KM, HO	Pos AP, RSID, PSA	NT		
26ZKZ3					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP, Micro	NT		
27XX2X					
Item 3	Pos TMB	Neg ALS, AP	NT		
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT		
29W46M					
Item 3	Pos KM, Takayama	Neg AP, Micro	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
2CFLFY					
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT		
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
2FXQAN					
Item 3	Pos TMB	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos TMB	Pos ALS, AP, PSA, Micro	NT		Human Origin, Pos HemaTrace
2KV6XD					
Item 3	Pos ABA Heme	Neg PSA, Micro	NT		
Item 4	Pos ABA Heme	Pos PSA, Micro	NT		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
2NULA8					
Item 3	Pos Hemastix, HemaTrace	Neg Acid Phosphatase	Neg RSID-Saliva		ALS, Neg Alternate Light Source
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva		ALS, Neg Alternate Light Source
2PLJHE					
Item 3	Pos LMG, HT	Neg AP	NT		
Item 4	Pos LMG, HT	Pos AP, PSA	NT		
2QH3JF					
Item 3	Pos KM Test	Neg AP Test			
Item 4	Pos KM Test	Pos AP Test			
2RAN2Q					
Item 3	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg Amylase Diffusion		
Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	Neg Amylase Diffusion		
2T74B3					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
2TNKHB					
Item 3	Pos KM	Neg ALS, Micro, PSA, AP	Neg Amylase		
Item 4	Pos KM	Pos ALS, Micro, PSA, AP	Neg Amylase		
2WM3F4					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
2XGKZD					
Item 3	Pos KM, ABACard-HemaTrace	Neg ALS, AP, Micro, PSA	NT		
Item 4	Pos KM, ABACard-HemaTrace	Pos ALS, AP, Micro, PSA	NT		
2Z8QG4					
Item 3	Pos LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva		
Item 4	Pos LMG, RSID-Blood	Pos AP, RSID-Semen	Neg RSID-Saliva		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2ZLCTQ				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP, p30, Micro	NT	
Item 4	Pos TMB, HemaTrace	Pos ALS, AP, p30, Micro	NT	
32B6YT				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg Phadebas	
38KNBL				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
3BZNL				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg RSID	
3D7KDB				
Item 3	Pos TMB, Micro	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, Micro	Pos AP, Micro, PSA	NT	
3FE6DR				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
3JD8PR				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebus[sic] tablets	
Item 4	Pos PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
3NM99A				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
3PJA8T				
Item 3	Pos KM, Species Ouchterlony	Neg AP, Micro, p30 Immunoassay	Neg Micro, Amylase Radial Diffusion	Human Species, Pos Species Ouchterlony
Item 4	Pos KM, Species Ouchterlony	Pos AP, Micro, p30 Immunoassay	Neg Micro, Amylase Radial Diffusion	Human Species, Pos Species Ouchterlony

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
3PK4NE					
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID		
3PY4TG					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT		
3QB8FZ					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
3T3VME					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA Detected, Pos Quantifiler Duo	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA Detected, Pos Quantifiler Duo	
3T62BJ					
Item 3	Pos LMG, HT	Neg AP	NT		
Item 4	Pos LMG, HT	Pos AP, PSA	NT		
3TLMVY					
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas		
3TNC3H					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
3UYM7V					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
3V9RJJ					
Item 3	Pos KM	Neg AP	NT	Human, Pos Plexor, ID+	
Item 4	Pos KM	Pos AP, Micro, PSA	Neg RSID	Human, Pos Plexor, ID+	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
3WXPKE				
Item 3	Pos KM, Tak, Lum, HemD	Neg AP, ALS, Micro	Neg Amylase Diff plate	
Item 4	Pos KM, Tak, Lum, HemD	Pos AP, ALS, Micro	Neg Amylase Diff plate	
43L6VN				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
44HFWH				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg RSID-Saliva	
44K74Z				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
4A7THJ				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
4BXN8D				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Pos AP, PSA, Micro	Neg Phadebas	
4EFGAM				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, p30 (PSA), Micro	NT	
4FDLT2				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP	NT	
4HGGC6				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
4HJT43				
Item 3	Pos KM, ABACard HemaTrace	Neg AP, Micro	Neg Phadebas Press Test	
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA (p30 card)	Inc Phadebas Press Test	
4NJ2JM				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
4PG42J				
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos PlexorHY
Item 4	Pos KM, Takayama	Pos AP, Micro, PSA	Neg Phadebas, RSID-Saliva	Human Origin, Pos PlexorHY
4Q7AHA				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
4RKANW				
Item 3	Pos KM	Neg AP, Micro, PSA	NT	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
4TY2W2				
Item 3	Pos KM	Neg Micro, ALS	NT	P-30, Neg P-30
Item 4	Pos KM	Pos Micro, ALS	NT	
4UUKX3				
Item 3	Pos O-tol	Neg AP, PSA		Human Blood, Pos ABACard HemaTrace
Item 4	Pos O-tol	Pos AP, PSA		Human Blood, Pos ABACard HemaTrace
4V44N4				
Item 3	Pos O-tol	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos O-tol	Pos AP, Micro	Neg RSID-Saliva	
4XP9YM				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
63G3PF				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
64E99V				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
64YG94				
Item 3	Pos KM, HemaTrace	Neg AP		
Item 4	Pos KM, HemaTrace	Pos AP, RSID-Semen, Micro		
66MKMC				
Item 3	Pos KM, HT	NT	NT	
Item 4	Pos KM, HT	Pos AP, Micro	Neg RSID	
66UZA6				
Item 3	Pos TMB, HT	Neg AP	NT	
Item 4	Pos TMB, HT	Pos AP, slide	NT	
67H7G3				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP & PSA	Neg RSID-Saliva	
67LQ7Q				
Item 3	Pos KM	Neg AP, Micro for Sperm cells	Neg Amylase, Micro for e-cells	
Item 4	Pos KM	Pos AP, Micro for Sperm cells	Neg Amylase, Micro for e-cells	
68B4NA				
Item 3	Pos Bluestar, Hexagon OBTI	Neg AP	NT	
Item 4	Pos Bluestar, Hexagon OBTI	Pos AP, RSID-Semen	NT	
6BWL8U				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6CNAD9				
Item 3	Pos TMB, Micro	Neg AP, p30, Micro	NT	
Item 4	Pos TMB, Micro	Pos AP, p30, Micro	NT	
6F9RM2				
Item 3	Pos O-tol, HemaTrace	Neg AP	NT	
Item 4	Pos O-tol, HemaTrace	Pos AP, PSA	NT	
6LEKGW				
Item 3	Pos KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos KM, LMG, RSID	Pos AP, Micro, PSA	Neg RSID	
6M7Q7F				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
6NKTZN				
Item 3	Pos LMG	Neg AP, PSA	Neg SALIgAE (Salivary Amylase based method)	
Item 4	Pos LMG	Pos AP, PSA	Neg SALIgAE (Salivary Amylase based method)	
6Q6WCT				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, PSA, Micro	NT	
6UQGJH				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
6WTPWL				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
77FVZQ				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase, Micro	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase, Micro	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
77VPLD					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
77XRKD					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, PSA	NT		
7C4KGU					
Item 3	Pos KM	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT		Human Origin, Pos HemaTrace
7GFB4A					
Item 3	NT	NT	NT		Human, Pos Quant Duo
Item 4	NT	NT	NT		Human, Pos Quant Duo
7GUVQR					
Item 3	Pos TMB	Neg ALS, AP	NT		
Item 4	Pos TMB	Pos ALS, AP, Micro, p30	NT		
7J68J8					
Item 3	Pos HemDirect	Neg AP, Micro, RSID-Semen, ABAcad p30	Neg RSID-Saliva		
Item 4	Pos HemDirect	Pos AP, Micro, RSID-Semen, ABAcad p30	Neg RSID-Saliva		
7KFEXG					
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg RSID-Saliva		
Item 4	Pos KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg RSID-Saliva		
7KVBAU					
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, p30	Neg Phadebas		
7NVJE4					
Item 3	Pos LMG	Neg AP			
Item 4	Pos LMG	Pos AP, Micro			

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7NXAKM				
Item 3	Pos PTMB	Neg AP		
Item 4	Pos PTMB	Pos AP Micro		
7PPWQH				
Item 3	Pos KM, HemaTrace	Inc AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
7QL9RC				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
7QNXVY				
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT	
Item 4	Pos KM, Hexagon OBTI	Pos AP, PSA, RSID-Semen	NT	
7U63TJ				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP		
Item 4	Pos TMB, HemaTrace	Pos ALS, AP, PSA, Micro		
7UJRWW				
Item 3	Pos Hemastix; Hexagon-OBTI	Neg AP; PSA	Neg RSID-Saliva	
Item 4	Pos Hemastix; Hexagon-OBTI	Pos AP; PSA	Neg RSID-Saliva	
7ULWFR				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
7UNAUV				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP	NT	
7X6ENJ				
Item 3	Pos ALS, KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos ALS, KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7YENDB				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
83THT8				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
848FBC				
Item 3	Pos TMB, HemaTrace	Neg PSA	NT	
Item 4	Pos TMB, HemaTrace	Pos PSA, Micro	NT	
84N4LY				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
87TUML				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
8AUXFU				
Item 3	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos RSID-Blood	Pos RSID-Semen	Neg RSID-Saliva	
8CH66X				
Item 3	Pos KM	Neg ALS, p30, Micro	NT	
Item 4	Pos KM	Pos ALS, Micro	NT	
8CW7UX				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
8EJERK				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8FZ2DZ				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
8GQRFD				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
8GRHMW				
Item 3	Pos O-tol	Neg AP		
Item 4	Pos O-tol	Pos AP, Micro		
8KP4CD				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
8KRTHV				
Item 3	Pos KM	Neg ALS, Micro, PSA	NT	
Item 4	Pos KM	Pos ALS, Micro	NT	
8NTAXR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
8P3G36				
Item 3	Pos TMB, AP, Micro	Neg	NT	
Item 4	Pos TMB, AP, Micro	Pos	NT	
8RD4YY				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
8UER92				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8WR6CC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas Paper	
8XED7Q				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
8XZL2V				
Item 3	Pos O-tol	Neg AP, Micro	Neg Amylase	
Item 4	Pos O-tol	Pos AP, Micro	Neg Amylase	
8YRDFM				
Item 3	Pos LMG, TMB, HemaTrace	Neg ALS, AP		
Item 4	Pos LMG, TMB, HemaTrace	Pos ALS, AP, Micro, PSA		
8YTAQH				
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
8YU3M6				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
92VXR7				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA	Neg RSID	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	Neg RSID	
94ZPHY				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
96UBDB				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM, LUMINOL, HEMEDIRECT[sic], Takayama	Pos ALS, AP, Micro	Neg Amylase Diffusion	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
979D7J				
Item 3	Pos KM	Neg AP, PSA		
Item 4	Pos KM	Pos AP, PSA		
97MYFL				
Item 3	Pos KM, OBTI	Neg ALS, AP	NT	
Item 4	Pos KM, OBTI	Pos ALS, AP, Micro	NT	
9CF92X				
Item 3	Pos KM, RSID-Blood	Neg AP, Micro, p30-ABA	NT	
Item 4	Pos KM, RSID-Blood	Pos AP, Micro, p30-ABA	NT	
9DQBNW				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
9EXTLT				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
9EZJTB				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
9FUGEJ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
9P4BKQ				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
9QWUEJ				
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA(p30)	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA(p30)	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9R7YR8				
Item 3	Pos KM, HemaTrace	NT	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
9UWFBA				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
9V97MY				
Item 3	Pos KM, ABACard HemaTrace	Neg AP, Micro	Neg Phadebas Press Test	
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Inc Phadebas Press Test	
9Y8GHY				
Item 3	Pos KM, ABACard	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM, ABACard	Pos AP, p30	Inc Phadebas	
9YP3YB				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
9YTYGE				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
9Z4ZKZ				
Item 3	Pos LMG	Neg Acid phosphatase test		
Item 4	Pos LMG	Pos Acid phosphatase test, Microscopy		
9ZN9HP				
Item 3	Pos KM, ALS	Neg AP, ALS, Micro	Neg α -Amylase, ALS, Micro	
Item 4	Pos KM, ALS	Pos AP, ALS, Micro	Neg α -Amylase, ALS, Micro	
A37ULW				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
A3KTPY				
Item 3	Pos Red brown, O-tol, phth	Neg AP, Micro	NT	
Item 4	Pos Red brown, O-tol, phth	Pos AP, Micro	NT	
ABDNHB				
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	Neg RSID	
ACCU2P				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix, HemaTrace	Pos AP, Micro, PSA	NT	
ADNBE4				
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	Neg Amylase	
AMWB26				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec		
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro		
APWA6P				
Item 3	Pos LMG	Neg AP, Micro	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
APX7BE				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro, PSA	NT	
AQUMLB				
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	Neg RSID	
AR4EWR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
AUVXT6				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PTMB	Pos ALS, AP, Micro	NT	
AV2U9L				
Item 3	Pos KM, OBTI	Neg ALS, AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, OBTI	Pos ALS, AP, PSA, Micro	Neg Phadebas	
AV4A9K				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
AZGVGR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, p30, Micro	NT	
AZHDCP				
Item 3	Pos LMG, HemaTrace	Neg ALS, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, PSA, Micro	NT	
B7GU6M				
Item 3	Pos KM	Neg AP, Micro, PSA	NT	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
B8CFXD				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
BC7YVP				
Item 3	Pos LMG	Neg AP, ALS	NT	
Item 4	Pos LMG	Pos AP, Micro, ALS	NT	
BEGLQH				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BG2TTQ				
Item 3	Pos KM, LMG, RSID-Blood	Neg AP, Micro, PSA	Neg RSID-Saliva	
Item 4	Pos KM, LMG, RSID-Blood	Pos AP, Micro, PSA	Neg RSID-Saliva	
BGF3XK				
Item 3	Pos KM, Human	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, Human	Pos ALS, AP, Micro, PSA	Neg Phadebas	
BKHZ9D				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
BQNNR7				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
BR4NCV				
Item 3	Pos O-tol, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos O-tol, HemaTrace	Pos AP, Micro, ALS	NT	
BREV9W				
Item 3	NT	NT	Neg RSID	
Item 4	NT	NT	Neg RSID	
BRHDCM				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg ARD, Micro for E-cells	
Item 4	Pos KM	Pos AP, Micro for Sperm	Neg ARD, Micro for E-cells	
BRK8U8				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
BTADAX				
Item 3	Pos Phenolphthalein	Neg Acid Phosphatase	NT	
Item 4	Pos Phenolphthalein	Pos Acid Phosphatase	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
BTVRZW					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
BUMF8B					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
BWE2TU					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP	NT		
BWYMLK					
Item 3	Pos LMG, TMB, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos LMG, TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT		
BYL7KW					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
BZBZBQ					
Item 3	Pos KM	Neg p30 (PSA), AP, Micro	NT		
Item 4	Pos KM	Pos AP, p30 (PSA), Microscopic	NT		
BZDQGA					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
BZV7NH					
Item 3	Pos TMB	Neg ALS, AP, PSA, Micro	NT		Human Blood, Pos HemaTrace
Item 4	Pos TMB	Pos ALS, AP, PSA, Micro	NT		Human Blood, Pos HemaTrace
C3FDPQ					
Item 3	Pos KM, HemaTrace	Neg AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
C3H97C					
Item 3	Pos KM, Takayama	Neg AP, Micro, PSA	Neg RSID-Saliva		Human, Pos Plexor HY
Item 4	Pos KM, Takayama	Pos AP, Micro	Neg RSID-Saliva		Human, Pos Plexor HY
C3VYT2					
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
C7J99U					
Item 3	Pos O-tol	Neg AP, PSA			
Item 4	Pos O-tol	Pos AP, PSA			
CBCDZD					
Item 3	Pos TMB+	Neg ALS-, AP-, Micro-, PSA-	NT		
Item 4	Pos TMB+	Pos ALS+, AP+, Micro+, PSA+	NT		
CCLTFC					
Item 3	Pos KM, Takayama	Neg AP			
Item 4	Pos KM, Takayama	Pos AP, Micro			
CCMCW8					
Item 3	Pos KM	NT	NT		Human, Pos Plexor HY
Item 4	Pos KM	Pos AP, Micro	Neg RSID		Human, Pos Plexor HY
CDG33L					
Item 3	Pos TMB	Neg ALS, AP	NT		
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT		
CE92EY					
Item 3	Pos KM, TMB, HemaTrace	Neg ALS, AP, PSA	NT		
Item 4	Pos KM, TMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT		
CFM2KM					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CGEM76				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
CGZLDW				
Item 3	Pos TMB, HemaTrace	Neg AP	NT	
Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	NT	
CHCTPK				
Item 3	Pos KM	Neg ALS, Micro, AP, PSA	NT	
Item 4	Pos KM	Pos ALS, AP, Micro, PSA	NT	
CJMANW				
Item 3	Pos O-tol, PPTH, Red-brown	Neg AP, Micro	NT	
Item 4	Pos O-tol, PPTH, Red-brown	Pos AP, Micro	NT	
CKVGUB				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
CM74P4				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
CMHLGV				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
CQ296T				
Item 3	Pos KM, ABACard	Neg AP, PSA, Micro	Neg Phadebas (Amylase)	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas (Amylase)	
CQNWRD				
Item 3	Pos PTMB, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CVWPV2				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
CX6X32				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
D2FXPY				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
D2VQBL				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Pos AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
D2YAGX				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
D3D8JG				
Item 3	Pos LMG	Neg ALS, AP	NT	Human Origin- Blood, Pos HemaTrace
Item 4	Pos LMG	Pos ALS, AP, Micro, PSA	NT	Human Origin- Blood, Pos HemaTrace
D46YFZ				
Item 3	Pos HemDirect	Neg ALS, p30, RSID-Semen, Sperm Hy-Liter	Neg RSID-Saliva	
Item 4	Pos HemDirect	Pos ALS, p30, RSID-Semen, Sperm Hy-Liter	Neg RSID-Saliva	
D4AJJQ				
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT	
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
D7V37L				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Pos AP, PSA	Neg Phadebas	Blood, Pos HemaTrace

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
D9FCDL				
Item 3	Pos LMG, Ouchterlony	Neg AP, PSA, Micro	Neg Amylase, Micro	
Item 4	Pos LMG, Ouchterlony	Pos AP, PSA, Micro	Neg Amylase, Micro	
D9ZLDU				
Item 3	Pos hemochromogen	NT	NT	Hair, Neg visual
Item 4	Pos hemochromogen	Pos AP, Micro	NT	Hair, Neg visual
DATJL2				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
DBQ2UC				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
DFJNKW				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
DGT9F8				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
DHMNCG				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
DLPPEY				
Item 3	Pos TMB, Hemachromagen[sic] (micro)	Neg AP, p30, Micro	NT	
Item 4	Pos TMB, Hemachromagen[sic] (micro)	Pos AP, p30, Micro	NT	
DML78J				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for e.cells	
Item 4	Pos KM	Pos AP, Micro for Sperm	Neg Amylase, Micro for e.cells	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DMVMVG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
DP62D2				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
DT9Z3V				
Item 3	NT	Neg AP	NT	
Item 4	NT	Pos AP, PSA, Micro	NT	
DTPCK2				
Item 3	Pos KM, HemaTrace	Neg AP, ALS, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos AP, ALS, PSA, Micro	NT	
DUDKEF				
Item 3	Pos KM, Takayama	Neg AP	NT	Amylase, Neg Amylase Diffusion Assay
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	Amylase, Neg Amylase Diffusion Assay
DUJ3QF				
Item 3	Pos TMB, HemaTrace	Neg AP	NT	
Item 4	Pos TMB, HemaTrace	Pos AP, Micro, p30	NT	
DZ6MKZ				
Item 3	Pos HemDirect	Neg ALS, RSID, p30, Micro	Neg RSID	
Item 4	Pos HemDirect	Pos ALS, RSID, p30, Micro	Neg RSID	
DZLF6P				
Item 3	Pos O-tol	Neg AP, ALS, Micro	NT	
Item 4	Pos O-tol	Pos AP, ALS, Micro	NT	
E2RNW2				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
E2UD3J				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
E3RWK9				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
ECEFTR				
Item 3	Pos KM, ABACard	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas	
EDQPVK				
Item 3	Pos LMG	Neg AP, Micro	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
EFE4D3				
Item 3	Pos KM, ABA HemaTrace	Neg AP	NT	
Item 4	Pos KM, ABA HemaTrace	Pos AP, Micro	NT	
EG9L23				
Item 3	Pos KM	Neg ALS/AP	NT	
Item 4	Pos KM	Pos ALS/AP/Micro	NT	
EGP2QK				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
EJDGZR				
Item 3	Pos BaSO	Neg PSA	NT	
Item 4	Pos BaSO	Pos PSA	NT	
EKQJWK				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
EL3JTE				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
ELKYYN				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
EPM9CR				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
EPY3WX				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
EQVYR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
ET6ZEZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
ETXLUQ				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
EXW3M8				
Item 3	Pos KM, HT	Neg PSA	Neg RSID	
Item 4	Pos KM, HT	Pos PSA, Micro	Neg RSID	
F33TAP				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
F3L7PA					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
F4JZGT					
Item 3	Pos KM, HemaTrace	Neg AP			
Item 4	Pos KM, HemaTrace	Pos AP, RSID-Semen, Micro			
F7M8RR					
Item 3	NT	Neg PSA	NT		
Item 4	NT	Pos PSA	NT		
FALHMR					
Item 3	Pos HemaTrace, KM	Neg PSA, Micro	Neg RSID		Male, Pos Y-Screen
Item 4	Pos HemaTrace, KM	Pos PSA, Micro	Neg RSID		Male, Pos Y-Screen
FBH2NT					
Item 3	Pos KM	Neg AP, ALS	NT		
Item 4	Pos KM	Pos AP, PSA, Micro, ALS	NT		
FBVZUG					
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablets		Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT		
FC73GF					
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP			Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Pos ALS, AP, Micro, PSA	Neg Phadebas		
FGHDXD					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, PSA	NT		
FHY88Y					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FHYPD				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, PSA	NT	
FLG63F				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas tablet	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	Neg Phadebas tablet	Urine, Neg Uritrace
FLVQD4				
Item 3	Pos KM, Luminol, HemDirect, Takayama	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos KM, Luminol, HemDirect, Takayama	Pos ALS, AP, Micro	Neg Amylase Diffusion	
FLXLVN				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
FN6B9D				
Item 3	Pos Immunochromatographic Test	Neg PSA	NT	
Item 4	Pos Immunochromatographic Test	Pos PSA, Micro	NT	
FPEDYH				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
FPZMB8				
Item 3	Pos KM, Takayama	Neg AP	Neg Phadebas	Human Origin, Pos Plexor HY
Item 4	Pos KM, Takayama	Pos AP, Micro	Neg Phadebas	Human Origin, Pos Plexor HY
FQPZTQ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
FZF7G3				
Item 3	Pos Visual Examination, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual Examination, Luminol, KM, Takayama, HemDirect	Pos ALS, AP, Micro	Neg Amylase Diffusion	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FZYXQM				
Item 3	Pos KM	Neg Micro, p30	NT	
Item 4	Pos KM	Pos Micro, p30	NT	
G242GG				
Item 3	Pos KM	Neg AP, Micro, PSA	NT	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
G2MTQZ				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
G8TMKW				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
G93YDE				
Item 3	Pos KM	Neg ALS, AP	NT	Pos OBTI-Human
Item 4	Pos KM	Pos ALS, AP, Micro, PSA	NT	Pos OBTI-Human
GCP7NF				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GF9QNX				
Item 3	Pos AbaHeme	Neg PSA, Micro	NT	
Item 4	Pos AbaHeme	Pos PSA, Micro	NT	
GFM3KG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	
GG3GUC				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
GG4N7W					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	Pos ALS/AP/Micro	NT		
GHATCD					
Item 3	Pos TMB	Neg AP, Micro, PSA, ALS	NT		Origin, Pos HemaTrace
Item 4	Pos TMB	Pos AP, Micro, PSA, ALS	NT		Origin, Pos HemaTrace
GJ4L6B					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		
GKXCBP					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
GM9AP8					
Item 3	Pos TMB	Neg AP, Micro, ALS	NT		
Item 4	Pos TMB	Pos AP, Micro, ALS	NT		
GMP4PG					
Item 3	Pos TMB	Neg ALS	NT		
Item 4	Pos TMB	Pos ALS, AP, Micro	NT		
GR3GGA					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
GTB449					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
GTVZ9G					
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GU43AU				
Item 3	Pos TMB, Takayama	Neg AP, Micro	NT	
Item 4	Pos TMB, Takayama	Pos AP, Micro	NT	
GVJGJP				
Item 3	Pos HemaTrace	Neg ALS	NT	
Item 4	Pos HemaTrace	Pos ALS, AP, p30, Micro	NT	
GWA9JE				
Item 3	Pos PTMB, RSID	Neg ALS, AP	Neg Phadebas tablet	
Item 4	Pos PTMB	Pos ALS, AP, PSA, Micro	NT	
GZQ3BT				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
H3GGGH				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP; Micro	NT	
H889UX				
Item 3	Pos TMB	Neg BCIP	NT	
Item 4	Pos TMB	Pos BCIP, Micro	NT	
H972KX				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Radial Diffusion	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Radial Diffusion	
HB79MM				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
HBTKNG				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HC3Z3V				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
HCK9TB				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
HCZVHY				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
HDYZ2E				
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT	
HE7F9K				
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT	
Item 4	Pos KM, Hexagon OBTI	Pos AP, PSA, RSID-Semen	NT	
HGXUZW				
Item 3	Pos O-tol, RSID	Neg ALS, AP	NT	
Item 4	Pos O-tol, RSID	Pos ALS, AP, Micro	NT	
HH726A				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
HJ4CXR				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
HQMHWK				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HX4KT9				
Item 3	Pos LMG, HemaTrace	Neg AP		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA		
HYDLXF				
Item 3	Pos KM, Ouchterlony	Neg ALS, AP, PSA, Micro	Neg Micro, Amylase Radial Diffusion	Species, Pos Ouchterlony
Item 4	Pos KM, Ouchterlony	Pos ALS, AP, PSA, Micro	Neg Micro, Amylase Radial Diffusion	Species, Pos Ouchterlony
HYFFEZ				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phedabas[sic]	
Item 4	Pos KM, HemaTrace	Pos AP, Micro		
J48JQV				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
J6HTUA				
Item 3	Pos Phenophthalein[sic]	Neg ALS, AP	NT	
Item 4	Pos Phenophthalein[sic]	Pos ALS, AP, Micro, PSA	NT	
J7CJZN				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
JCWUTJ				
Item 3	NT	NT	NT	
Item 4	NT	NT	NT	
JDQFNV				
Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos ABA Heme	Pos PSA, Micro	NT	
JE9AP6				
Item 3	Pos KM, Takayama	Neg AP	Neg RSID-Saliva	Human Origin, Pos Plexor HY
Item 4	Pos KM, Takayama	Pos AP, Micro	Neg RSID-Saliva	Human Origin, Pos Plexor HY

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JFGM6L				
Item 3	NT	Neg AP	NT	
Item 4	NT	Pos AP, PSA, Micro	NT	
JJGTQJ				
Item 3	Pos LMG, Ouchterlony w/ anti HuHb	Neg AP, Micro, p30	Neg Amylase Radial Diffusion	
Item 4	Pos LMG, Ouchterlony w/ anti HuHb	Pos AP, Micro, p30	Neg Amylase Radial Diffusion	
JMG2UT				
Item 3	Pos KM	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
JMGCVJ				
Item 3	Pos KM	Pos AP, Micro, Sperm hy-liter stain, p30	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro, Christmas Tree Stain	Neg Phadebas	
JMGCW6				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
JNDR8F				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
JNFGDY				
Item 3	Pos Luminol, KM, HemDirect, Takayama	Neg ALS, AP, Micro	Neg Amylase Diffusion	Visual Exam, Pos
Item 4	Pos Luminol, KM, Takayama	Pos ALS, AP, Micro	Neg Amylase Diffusion	Visual Exam, Pos
JPMJTP				
Item 3	Pos KM	Neg ALS, AP	Neg ALS, RSID	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg ALS, RSID	
JTLZ6J				
Item 3	Pos KM & Hexagon OBTI	Neg AP	NT	
Item 4	Pos KM & Hexagon OBTI	Pos AP, RSID-Semen & PSA	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
JUZ6ZB					
Item 3	Pos LMG	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT		Human Origin, Pos HemaTrace
JZ9QRE					
Item 3	Pos KM	Neg AP, Micro, PSA, ALS	NT		
Item 4	Pos KM	Pos ALS, AP, Micro, PSA	NT		
K2FAAM					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
K6FE3U					
Item 3	Pos ABA heme	Neg PSA, Micro	NT		
Item 4	Pos ABA heme	Pos PSA, Micro	NT		
K6TB7E					
Item 3	Pos KM	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT		Human Origin, Pos HemaTrace
K7P2LL					
Item 3	Pos KM	Neg Micro, p30, AP	NT		
Item 4	Pos KM	Pos Micro, AP	NT		
K9X9QZ					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
KB2CRH					
Item 3	Pos TMB, OBTI	Neg Micro	NT		
Item 4	Pos TMB, OBTI	Pos Micro	NT		
KEKLHU					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
KELVL6					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
KN7RDD					
Item 3	Pos TMB	Neg AP, ALS	NT		
Item 4	Pos TMB	Pos AP, ALS, Micro, PSA	NT		
KN9K9Z					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
KQXQPQ					
Item 3	Pos Luminol	NT	NT	According to our SOP we don't have any preliminary testing for Saliva.	Hair: No According to our SOP we do not have a preliminary test for hair but we conduct a visual inspection. Hence no hair were detected.
Item 4	Pos Luminol	Pos Brentamine	NT	According to our SOP we don't have any preliminary testing for Saliva.	Hair: No According to our SOP we do not have a preliminary test for hair but we conduct a visual inspection. Hence no hair were detected.
KRQH4H					
Item 3	Pos KM, LMG, RSID	Neg AP, PSA, Microscopic	Neg RSID		
Item 4	Pos KM, RSID	Pos AP, Microscopic	Neg RSID		
KWLDKV					
Item 3	Pos O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion		
Item 4	Pos O-tol, HemDirect	Pos AP, PSA, Micro	Neg Amylase Diffusion		
KZYDJ9					
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, p30	NT		
L322KW					
Item 3	Pos Visual Exam, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase		
Item 4	Pos Visual Exam, Luminol, KM, Takayama, HemDirect	Pos ALS, AP, Micro	Neg Amylase		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
L3QXFK				
Item 3	Pos KM, ABA	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, ABA	Pos AP, PSA	Neg Phadebas	
L6TEGG				
Item 3	Pos KM	Neg AP		ALS Neg
Item 4	Pos KM	Pos AP, Micro		ALS Neg
L7J7EK				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
L986LB				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
L9T946				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
LA3NNC				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
LBVLVJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
LCPYAG				
Item 3	Pos KM	Neg AP, PSA, Microscopical	NT	
Item 4	Pos KM	Pos AP, Microscopical	NT	
LCQ4XK				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LD7TAQ				
Item 3	Pos LMG	Neg AP, ALS	NT	
Item 4	Pos LMG	Pos AP, ALS, Micro	NT	
LJPFV				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
LEXMWG				
Item 3	Pos O-tol	Neg AP, Micro	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
LF4GQ				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
LHECB6				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
LJU2RJ				
Item 3	Pos KM	Neg ALS, Micro, p30	NT	
Item 4	Pos KM	Pos ALS, Micro	NT	
LLWEFN				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
LLYUJW				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
LMPX9W				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Pos AP, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LMTGXK				
Item 3	Pos KM	Neg ALS, AP, Micro	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
LPHPMN				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg RSID	
LQRVLB				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
LTXU4B				
Item 3	Pos KM, HB HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
LWH9KD				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, Pos HemaTrace
LXTKB9				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
LZZ8X8				
Item 3	Pos LMG	Neg AP, PSA	NT SALIgAE	
Item 4	Pos LMG	Pos AP, PSA		
M3FUWQ				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
M6RRMA				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for e-cells	
Item 4	Pos KM	Pos AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for e-cells	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
M727L3					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
M8UWRG					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
MCPANJ					
Item 3	Pos KM	Neg ALS, FBB	NT		
Item 4	Pos KM	Pos ALS, FBB, PSA	NT		
MEC4W2					
Item 3	Pos KM, HemaTrace	Neg AP	NT		Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Takayama Reagent	Pos AP, Micro, PSA	Neg Phadebas, RSID-Saliva		Human Origin, Pos Plexor HY
MEGLVZ					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM	Pos AP, Micro, PSA	Neg RSID		
MHT4WU					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		
MHTYMR					
Item 3	Pos PTMB	Neg ALS, AP	NT		
Item 4	Pos PTMB	Pos ALS, AP, Micro	NT		
MJP26N					
Item 3	Pos Hemastix, ABA HemaTrace	Neg AP, Micro, PSA	Neg RSID card		
Item 4	Pos Hemastix, ABA HemaTrace	Pos AP, Micro, PSA	Neg RSID card		
MNZPPX					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
MPUFTQ				
Item 3	Pos O-tol	Neg AP	NT	Human-Blood, Pos RSID-Blood
Item 4	Pos O-tol	Pos AP, PSA, Micro	NT	Human-Blood, Pos RSID-Blood
MTUG4L				
Item 3	Pos TMB, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	NT	
MWEDPQ				
Item 3	Pos TMB, Micro	Neg AP, PSA	NT	
Item 4	Pos TMB, Micro	Pos AP, PSA, Micro	NT	
MXKZYP				
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro, PSA	Neg Amylase Radial Diffusion	
MZV7RZ				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
N2YKCB				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
N9NDW4				
Item 3	Pos O-tol	Neg AP	Neg Phadebas	
Item 4	Pos O-tol	Pos AP, Micro	Neg Phadebas	
NAULTP				
Item 3	Pos KM	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
NAXHBT				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NGEQJ4				
Item 3	Pos KM	Neg AP, PSA	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
NH7L7D				
Item 3	Pos KM	Neg AP Spot	NT	
Item 4	Pos KM	Pos AP Spot+Xmas Tree (Micro)	NT	
NJK7YM				
Item 3	Pos KM	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
NMKP69				
Item 3	Pos PTMB, HemaTrace	Neg AP	Neg Phadebas tablet	
Item 4	Pos PTMB	Pos AP, PSA, Micro	NT	
NNHXDR				
Item 3	Pos KM, Seratec HemDirect	Neg AP, ALS, Micro, RSID-Semen	NT	
Item 4	Pos KM, Seratec HemDirect	Pos AP, ALS, Micro, RSID-Semen	NT	
NPNKMQ				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
NTPYNG				
Item 3	NT	Neg AP, PSA	NT	
Item 4	NT	Pos AP, PSA, Micro	NT	
NX3AP6				
Item 3	Pos PTMB, HemaTrace	Neg AP, PSA, ALS	Neg Phadebas Tablet	
Item 4	Pos PTMB, HemaTrace	Pos AP, PSA, ALS, Micro	NT	
NYCE3T				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Quantifiler Duo, Pos Human DNA detected
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Quantifiler Duo, Pos Human DNA detected

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NYXRR7				
Item 3	Pos TMB, HemaTrace	Neg AP	NT	
Item 4	Pos TMB, HemaTrace	Pos AP, Micro, p30	Neg Amylase	
NZQ9UA				
Item 3	Pos TMB, PHT	Neg ALS, AP		Human Origin, Pos HemaTrace
Item 4	Pos TMB, PHT	Pos ALS, AP, Micro, PSA		Human Origin, Pos HemaTrace
P243AA				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
P6J3EA				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
P84L7D				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	Neg Micro	
P9Z48E				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PAA7WY				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro	NT	
PATF6K				
Item 3	Pos KM, ABACard HemaTrace test	Neg AP, Micro	Neg Phadebas Press test	
Item 4	Pos KM, ABACard HemaTrace test	Pos AP, PSA	Inc Phadebas Press test	
PAY3QM				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro exam	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PB7HXU				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
PBK7YK				
Item 3	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
PC4MG9				
Item 3	Pos KM(+)	Neg AP(-), Sperm(-)	Neg Amylase(-), nuc.e.cell(-)	
Item 4	Pos KM(+)	Pos AP(+), Sperm(+)	Neg Amylase(-), nuc.ecell(-)	
PDQYZR				
Item 3	Pos KM, Takayama, luminol	Neg AP	NT	
Item 4	Pos KM, HemDirect, luminol	Pos AP, Micro, ALS	Neg Amylase Diffusion	
PDTTGC				
Item 3	Pos KM, RSID-Blood	Neg AP, Micro, ABA p30	NT	
Item 4	Pos KM, RSID-Blood	Pos AP, Micro, ABA p30	NT	
PEMJMQ				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
PEPAUA				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
PGPPDD				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PKBYF6				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS (Neg), AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
PLN423					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, PSA	NT		
PQD9KC					
Item 3	Pos KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos Seri AP, PSA	Neg Phadebas		
PQG4J6					
Item 3	Pos LMG	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos LMG	Pos ALS, AP, Micro, PSA	NT		Human Origin, Pos HemaTrace
PVDMMN					
Item 3	Pos KM	Neg AP	Neg RSID		
Item 4	Pos KM	Pos AP, Micro, ABA p30	Neg RSID		
PVUDGL					
Item 3	Pos LMG	Neg ALS, AP	NT		
Item 4	Pos LMG	Pos ALS, AP, Micro	NT		
PXFTXN					
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase		
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	Neg Amylase		
PZ6QYK					
Item 3	Pos LMG	Neg AP			
Item 4	Pos LMG	Pos AP, Micro			
Q2ELCJ					
Item 3	Pos Hemastix, KM, HemaTrace	Neg ALS, AP	Neg ALS, RSID-Saliva		
Item 4	Pos Hemastix, KM, HemaTrace	Pos ALS, AP, Micro	Neg ALS, RSID-Saliva		
Q2THNV					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Microscopic	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Q3A2LU				
Item 3	Pos KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos KM	Pos AP, Micro	NT	
Q3M4GM				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PTMB	Pos ALS, AP, Micro	NT	
Q3TTVE				
Item 3	NT	Neg AP, PSA, Micro	NT	
Item 4	NT	Pos AP, PSA, Micro	NT	
Q443UK				
Item 3	Pos LMG	Neg ACP	NT	
Item 4	Pos LMG	Pos ACP, Micro	NT	
Q4KEDP				
Item 3	Pos KM, Seratec HemDirect	Neg AP, Micro	NT	
Item 4	Pos KM, Seratec HemDirect	Pos AP, Micro	NT	
QAM8AK				
Item 3	Pos KM	Neg AP, PSA	NT	
Item 4	Pos KM	Pos AP	NT	
QB2KZ3				
Item 3	Pos LMG, TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, TMB, HemaTrace	Pos ALS, AP, Micro, p30	NT	
QBJ4UU				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
QBNNWJ				
Item 3	Pos KM	Neg AP	Neg	RSID
Item 4	Pos KM	Pos AP, Micro	Neg	RSID

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QCTMP4				
Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
Item 4	Pos KM, OBTI	Pos ALS, AP, Micro, p30	Neg Phadebas	
QE2VW3				
Item 3	Pos LMG, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, ALS, Micro, PSA	NT	
QJG4J3				
Item 3	Pos TMB, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	NT	
QKMPQF				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
QLFNYL				
Item 3	Pos Hexagon OBTI	Neg PSA semiquant	Neg RSID-Saliva	
Item 4	Pos Hexagon OBTI	Pos PSA semiquant	Neg RSID-Saliva	
QLZ3VC				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA	Neg SALLgAE	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg SALLgAE	
QMCUQE				
Item 3	Pos LMG, RSID-B	Neg AP, RSID-SE	Neg RSID-SA	
Item 4	Pos LMG, RSID-B	Pos AP, RSID-SE	Neg RSID-SA	
QMH8CP				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
QPJ9D8				
Item 3	Pos KM, Ouchterlony (Human species test)	Neg AP, p30, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for e.cells	
Item 4	Pos KM, Ouchterlony (Human species test)	Pos AP, p30, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for e.cells	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QTJTKK				
Item 3	Pos Luminol	Neg Brentamine	NT	
Item 4	Pos Luminol	Pos Brentamine	NT	
QUDBWD				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
QV8TGM				
Item 3		Neg AP		Pos Male DNA Screening
Item 4		Pos AP		Pos Male DNA Screening
QVNL3A				
Item 3	Pos KM	Neg AP, Micro, PSA	NT	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
QVR7RY				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
QVTBF3				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Pos ALS, AP, PSA	NT	
QWKLV3				
Item 3	Pos TMB, LMG, HemaTrace	NT	NT	
Item 4	Pos TMB, LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
QZ3MEN				
Item 3	Pos Abacus Heme	Neg PSA, Micro	NT	
Item 4	Pos Acacus Heme	Pos PSA, Micro	NT	
QZMZIP				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
R2T8LK				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
R4XBF9				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
R6BE28				
Item 3	Pos KM	Neg AP, Micro, PSA	NT	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
R7NYTG				
Item 3	Pos HT, HS	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos HT, HS	Pos AP, Micro, PSA	Neg RSID	
R9BHUF				
Item 3	Pos KM, ABA	Neg AP	NT	
Item 4	Pos KM, ABA	Pos AP, PSA	NT	
RDMYDW				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
REGEEF				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT	
RFA6KU				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro	NT	
RFCUQC				
Item 3	Pos KM, Micro - Takayama	Neg ALS, AP, PSA, Micro-Sperm	Neg Radial Diffusion	
Item 4	Pos KM, Micro - Takayama	Pos ALS, AP, PSA, Micro-Sperm	Neg Radial Diffusion	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
RFR9Z8					
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA			
RFTETF					
Item 3	Pos KM, ABACard HemaTrace	Neg AP, PSA, Micro	Neg Phadebas Press		
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press		
RG4QF7					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
RHCBWE					
Item 3	Pos KM	Neg AP			
Item 4	Pos KM	Pos AP, Micro			
RHF34F					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP, Micro	NT		
RK7RHN					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
RLFWVC					
Item 3	Pos KM	Neg Microscopic exam, p30	NT		
Item 4	Pos KM	Pos Microscopic exam	NT		
RMAMY7					
Item 3	Pos TMB, PHT	Neg AP, ALS	NT		Human, Pos HEM
Item 4	Pos TMB, PHT	Pos AP, Micro, PSA, ALS	NT		Human, Pos HEM
RMPFLE					
Item 3	Pos KM, RSID-Blood	Neg AP, Micro, ABA p30 (PSA)	NT		
Item 4	Pos KM, RSID-Blood	Pos AP, Micro, ABA p30 (PSA)	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RPV2CY				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
RQPRHE				
Item 3	Pos KM, O-tol, Takayama, RSID Blood	Neg Micro, PSA		
Item 4	Pos KM, O-tol, Human Hemoglobin	Pos Micro, PSA		
T73HXR				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
TAJMRG				
Item 3	Pos O-tol	Neg AP	Neg Amylase Diffusion	
Item 4	Pos O-tol	Pos AP, p30, Micro	Neg Amylase Diffusion	
TALD2K				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
TBVU66				
Item 3	NT	NT	NT	
Item 4	NT	NT	NT	
TCAB7P				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
TCRAG2				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Seratec	NT	
TEDKJT				
Item 3	Pos KM, HemaTrace	Neg AP		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
TEUZAF				
Item 3	Pos Red/brown, O-tol, PPTH	Neg AP, Micro	NT	
Item 4	Pos Red/brown, O-tol, PPTH	Pos AP, Micro	NT	
TJN6GK				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
TN3ZY4				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
TPADKC				
Item 3	Pos O-tol	Neg AP		
Item 4	Pos O-tol	Pos AP, Micro		
TQNNEA				
Item 3	Pos LMG, HemDirect	Neg AP, RSID-Semen	Neg RSID-Saliva	
Item 4	Pos LMG, HemDirect	Pos AP, Micro, RSID-Semen	Neg RSID-Saliva	
TRH7ZJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
TUQHEZ				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
TWBU9G				
Item 3	Pos Hemastix, (TMB)	NT	NT	
Item 4	Pos Hemastix, (TMB)	Pos AP, Micro	NT	
TWRJGH				
Item 3	Pos KM	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM	Pos AP, Micro	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
TWUH97				
Item 3	Pos KM, OBTI	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, OBTI	Pos AP, Micro, PSA	Neg Phadebas	
TZF3HF				
Item 3	Pos KM	Neg AP	Neg Amylase (Phadebas)	
Item 4	Pos KM	Pos AP	Neg Amylase (Phadebas)	Semen, Pos Micro
TZRUDH				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas (Amylase)	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg Phadebas (Amylase)	
U2JCRP				
Item 3	Pos KM	Neg AP	Neg RSID	Human, Pos Plexor HY
Item 4	Pos KM	Pos AP, Micro, PSA	Neg RSID	Human, Pos Plexor HY
U2KGCK				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
U6LL7T				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
U7G48U				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
UAV9UB				
Item 3	NT	Neg AP, PSA	NT	
Item 4	NT	Pos AP, PSA, Micro	NT	
UDTUH8				
Item 3	Pos KM Test	Neg AP Test		
Item 4	Pos KM Test	Pos AP Test		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UHTB7F				
Item 3	Pos color ppth, O-tol	Neg AP, Micro	NT	
Item 4	Pos color ppth, O-tol	Pos AP, Micro	NT	
UKFFUY				
Item 3	Pos PHT, TMB	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos PHT, TMB	Pos ALS, AP, Micro, p30	NT	
UNXXNP				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
UP7HLJ				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Pos Micro	NT	
UVVZU				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
UYXDT9				
Item 3	Pos O-tol	Neg AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos O-tol	Pos AP, Micro, PSA	Neg Amylase Diffusion	
UZTT67				
Item 3	Pos KM, OBTI	Neg ALS, AP	NT	
Item 4	Pos KM, OBTI	Pos ALS, AP, Micro	NT	
V2HAMX				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
V4M6J3				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
V6KFF6					
Item 3	Pos KM	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT		Human Origin, Pos HemaTrace
VAVYMQ					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
VC3GLM					
Item 3	Pos TMB and HemaTrace	Neg AP and ALS	NT		
Item 4	Pos TMB and HemaTrace	Pos AP, ALS, PSA, & Micro	NT		
VFFNZT					
Item 3	Pos KM, Takayama, HemaTrace	Neg AP, Micro, PSA, ALS	Neg Phadebas, RSID-Saliva		Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Takayama	Pos AP, Micro, PSA, ALS	Neg Phadebas, RSID-Saliva		Human Origin, Pos Plexor HY
VGA8NT					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
VGAE4M					
Item 3	Pos LMG, HT	Neg AP, Micro, PSA	NT		
Item 4	Pos LMG, HT	Pos AP, Micro, PSA	NT		
VGDW9C					
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva		
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva		
VL42LU					
Item 3	Pos KM, Takayama	Neg AP, Micro	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
VM2LMV					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VQGLTF				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
WCFT3				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
WP6UT				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
WUK9F				
Item 3	Pos TMB, HemaTrace	Neg AP, p30, Microscope	Neg RSID	
Item 4	Pos TMB, HemaTrace	Pos AP, p30, Microscopic	Neg RSID	
VZM2QU				
Item 3	Pos LMG, HemaTrace	Neg AP (Brentamine)	NT	
Item 4	Pos LMG, HemaTrace	Pos AP (Brentamine), Micro, PSA	NT	
W46HLK				
Item 3	Pos KM, TMB	Neg ALS, AP, p30, Micro	Neg RSID	
Item 4	Pos KM, TMB	Pos ALS, AP, p30, Micro	Neg RSID	
W6A9L9				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
W8JLJU				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
W9EV3J				
Item 3	NT	NT	NT	Human, Pos Quant Duo
Item 4	NT	NT	NT	Human, Pos Quant Duo

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WBMG3X				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
WCE3NG				
Item 3	Pos KM	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM	Pos AP, PSA, Micro	Neg RSID-Saliva	
WKPWPG				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec		
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro		
WMJHME				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP, p30, H+E staining	NT	
WR7ZPB				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
WRLTBY				
Item 3	Pos PTMB, HemaTrace, Bluestar Reagent	Neg ALS, AP, p30	Neg Phadebas Tablets	Urine, Neg Uritrace Card
Item 4	Pos PTMB, HemaTrace, Bluestar Reagent	Pos ALS, AP, p30, Micro	Neg Phadebas Tablets	Urine, Neg Uritrace Card
WWZUMD				
Item 3	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	Human DNA, Pos Plexor HY
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	Human DNA, Pos Plexor HY
WYANLX				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
X29LAV				
Item 3	Pos LMG	Neg AP, PSA	NT	
Item 4	Pos LMG	Pos AP, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
X2NBJF				
Item 3	Pos KM	Neg AP, Micro		
Item 4	Pos KM	Pos AP, Micro		
X2TTHE				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
X7J6J3				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
X7JVGR				
Item 3	Pos TMB	Neg AP, ALS, Micro, PSA	NT	Human Origin, Pos HemaTrace
Item 4	Pos TMB	Pos ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
X8GZY8				
Item 3	Pos O-tol	Neg AP, ALS		
Item 4	Pos O-tol	Pos AP, ALS		
X9DQCU				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
XAK7LK				
Item 3	Pos Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	Pos ALS, AP, Micro	Neg Amylase Diffusion	
XAMZ37				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
XCTT9K				
Item 3	Pos LMG, HT	Neg AP, PSA	NT	
Item 4	Pos LMG, HT	Pos AP, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XDJK8P				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
XE3BFA				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
XFBFVJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos PSA, Micro	NT	
XFQ36K				
Item 3	Pos KM, HemDirect, Luminol, Takayama	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos KM, HemDirect, Luminol, Takayama	Pos AP, Micro, ALS	Neg Amylase Diffusion	
XHV3DR				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA		
Item 4	Pos LMG, HemaTrace	Pos AP, PSA		
XJPTJ7				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
XLJA4G				
Item 3	Pos KM	Neg AP	Neg RSID	
Item 4	Pos KM	Pos AP, Micro	Neg RSID	
XMRWL8				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
XUQ9BW				
Item 3	Pos TMB	Neg AP, p30, Micro	NT	
Item 4	Pos TMB	Pos AP, p30, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XVJ27F				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
XWERA9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
XY3W98				
Item 3	NT	Neg AP	NT	
Item 4	NT	Pos AP, PSA, Micro	NT	
XY7JNZ				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
XY99UJ				
Item 3	Pos RSID	Neg RSID	Neg RSID	
Item 4	Pos RSID	Pos RSID	Neg RSID	
Y2N6R8				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas (Amylase)	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas (Amylase)	
Y2PQAL				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Y7FZJK				
Item 3	Pos KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	Visual Examination, Pos
Item 4	Pos KM, Takayama, Luminol	Pos AP, Micro, ALS	Neg Amylase Diffusion	Visual Examination, Pos
Y9PDEM				
Item 3	Pos KM, HemaTrace	Neg Micro, PSA	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos Micro, PSA	Neg RSID	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
YANH3					
Item 3	Pos PTMB	Neg AP	NT		
Item 4	Pos PTMB	Pos AP, Micro	NT		
YBCL92					
Item 3	Pos KM	Neg AP, Micro, PSA	NT		
Item 4	Pos KM	Pos AP, Micro, PSA	NT		
YDL4KY					
Item 3	Pos TMB, PHT	Neg ALS, AP	NT		Human Origin, Pos HemaTrace
Item 4	Pos TMB, PHT	Pos ALS, AP, p30, Micro	NT		Human Origin, Pos HemaTrace
YEVJ4J					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas		Human DNA, Pos Quant Duo
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas		Human DNA, Pos Quant Duo
YEWDK4					
Item 3	Pos KM, RSID	Neg Micro, PSA	NT		
Item 4	Pos KM, RSID	Pos Micro, PSA	NT		
YFRWL7					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
YHD442					
Item 3	Pos LMG	Neg PSA, Micro	NT		
Item 4	Pos LMG	Pos PSA, Micro	NT		
YHUXNN					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		
YLT9KN					
Item 3	Pos KM, Takayama	Neg AP, Micro	NT		
Item 4	Pos KM, Takayama	Pos AP, Micro	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YMNLUG				
Item 3	Pos KM, TMB	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos KM, TMB	Pos AP, PSA, Micro	Neg Amylase	
YMNRLP				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
YQ8GW9				
Item 3	Pos HemaTrace, Phenolphthalein	Neg Microscopic Sperm, p30/PSA	Neg RSID-Saliva	Male DNA, Pos Y-Screening
Item 4	Pos HemaTrace, Phenolphthalein	Pos Microscopic Sperm, p30/PSA	Neg RSID-Saliva	Male DNA, Pos Y-Screening
YRXC7F				
Item 3	Pos KM, HemDirect	Neg Micro, ALS, AP, PSA	NT	
Item 4	Pos KM, HemDirect	Pos Micro, ALS, AP, PSA	NT	
YVYNFG				
Item 3	Pos KM, TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos KM, TMB	Pos AP, PSA, Micro	NT	
YX67FX				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
Z2KZUB				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Z62X96				
Item 3	Pos Red-brown color, PT, O-tol	Neg AP, Micro	NT	
Item 4	Pos Red-brown color, PT, O-tol	Pos AP, Micro	NT	
ZAHNR2				
Item 3	Pos KM, LMG, RSID	Neg AP	Neg RSID	
Item 4	Pos KM, LMG, RSID	Pos AP, PSA, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZD29MB				
Item 3	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Pos AP, Micro, p30	NT	
ZDXT9P				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
ZHTKGL				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Pos AP, Micro	NT	
ZM8KTZ				
Item 3	Pos KM	Neg AP, PSA, Micro, ALS	NT	
Item 4	Pos KM	Pos AP, PSA, Micro, ALS	NT	
ZUN2JN				
Item 3	Pos KM, Takayama and HemaTrace	Neg AP, Micro and PSA	Neg Phadebas and RSID-Saliva	Human Origin, Pos Plexor HY
Item 4	Pos KM and Takayama	Pos AP and Micro	Neg Phadebas and RSID-Saliva	Human Origin, Pos Plexor HY
ZWR2DU				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, PSA	NT	
ZXKCM9				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP/PSA	Neg RSID-Saliva	
ZXMCFN				
Item 3	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos PSA, Micro	Neg RSID	
ZYT2DQ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	

**Table 1: Serology Screening
Response Summary****Item 3**Participants: **565**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	552	1	0
Negative	0	532	161
Inconclusive	0	1	0
Not Tested (NT)	12	31	375
Not Reported	1	0	29

**Table 1: Serology Screening
Response Summary****Item 4**Participants: **565**

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	552	552	0
Negative	0	0	159
Inconclusive	0	0	4
Not Tested (NT)	12	13	371
Not Reported	1	0	31

Amplification Kit(s) & STR Results

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

239WUN	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
<hr/>							
2448VH	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
<hr/>							
24QZA2	Identifiler® Plus, PowerPlex® ESX17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
<hr/>							
26ZKZ3	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
<hr/>							
27XX2X	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
<hr/>							
29W46M	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
<hr/>							
2CFLFY	Identifiler® Plus, PowerPlex® ESX 17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

2FHY8C	PowerPlex® PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
2KV6XD	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
2LM9LE	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
2NULA8	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
2PLJHE	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
2QH3JF	Identifiler® Direct						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
2RAN2Q	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

2T74B3	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
2TNKHB	PowerPlex® 16, 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
2W8CVY	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
2WM3F4	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
2XGKZD	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
2Z8QG4	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
2ZLCTQ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

32B6YT	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
379LD9	PowerPlex® PP16 HS and PPFusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
38KNBL	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
3BZNLE	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
3D7KDB	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3FE6DR	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3JAN2N	PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

3JD8PR	PowerPlex® 16 Hot Start						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14		16,18		6,9.3	8,9	17,18
3NM99A	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3NNTMJ	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
	-	-	-	6,9.3	8,9	17,18	
3PJA8T	Identifiler® Plus						
	1	N/A	17,24	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		13,13	29,30	N/A	X,X	10,12	22,24
	N/A	N/A	N/A	6,9.3	8,9	17,18	
3PK4NE	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
	12,14		16,18		6,9.3	8,9	17,18
3PY4TG	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3QB8FZ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

3T3VME	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3T62BJ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3TLMVY	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
3TNC3H	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
3UYM7V	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
3V9RJJ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
3WXPKE	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

44HFWH	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
44K74Z	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
4A7THJ	PowerPlex® 16 HS						
	1	-	-	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		-	29,30	-	X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
4BXN8D	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
4EFGAM	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
4FDLT2	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
4HG6C6	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

4HJT43	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
4NJ2JM	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
4PG42J	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
4RKANW	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
4TY2W2	PowerPlex® 16						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
4UUKX3	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
4V44N4	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

4V7G38	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
4XP9YM	PowerPlex® 16 Hot Start						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
63G3PF	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
64E99V	Identifiler® Plus						
	1	Not tested	17,24	Not tested	14,15	13,13	8,10
		13,14	Not tested	Not tested	11,14	12,13	13,20
		13,13	29,30	Not tested	X,X	10,12	22,24
	Not tested	Not tested	Not tested	6,9.3	8,9	17,18	
64YG94	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
66MKMC	PowerPlex® PP16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
66UZA6	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

67H7G3	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
67LQ7Q	Identifiler® Identifiler Plus, MiniFiler						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
68B4NA	Identifiler® , PowerPlex® 16						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
6BWL8U	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
6CNAD9	Identifiler® Identifiler Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
6F9RM2	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
6LEKGW	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
6M7Q7F	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
6NKTZN	Identifiler® Plus, PowerPlex® 16 HS						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
6Q6WCT	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
6UQGJH	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
6WTPWL	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
74RALG	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
77FVZQ	Identifiler® Plus						
	1	n/a	17,24	n/a	14,15	13,13	8,10
		13,14	n/a	n/a	11,14	12,13	13,20
		13,13	29,30	n/a	X,X	10,12	22,24
		n/a	n/a	n/a	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

77VPLD	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
77XRKD	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
78QKFV	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
7C4KGU	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
7DHUPU	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
7GFB4A	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
7GUVQR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

7J68J8	Identifiler® , Identifiler Plus, MiniFiler						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
7KFEXG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
7KVBAU	Identifiler® Plus						
	1	N/A	17,24	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		13,13	29,30	N/A	X,X	10,12	22,24
				6,9.3	8,9	17,18	
7NVJE4	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
7NXAKM	PowerPlex® HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
7PPWQH	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
7QL9RC	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

7QNXYV	Identifiler® Plus, PowerPlex® ESX 17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
7UJRWV	ESIPRO 17; NGMSE						
	1	12,16	17,24	10,11	14,15		
		13,14	13,14	18		12,13	13,20
		13	29,30	15,16	X,X		22,24
			16,20	6,9.3		17,18	
7ULWFR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
7UNAUV	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
7YENDB	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
83THT8	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
848FBC	Globalfiler						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

84N4LY	Identifiler® Identifiler Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
87TUML	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
887Q8C	Globalfiler						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
8AUXFU	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
8CH66X	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
8CW7UX	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
8EJERK	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

8FZ2DZ	Identifiler®						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
8GQRFD	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
8GRHMW	Identifiler® Plus						
	1		17,24		14,15	13	[8],10
		13,14			11,14	12,[13]	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,[18]
8H6WA6	Identifiler® Direct, Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
8KP4CD	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
8MFAR4	PowerPlex® PP16 HS and PP Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
					6,9.3	8,9	17,18
8NTAXR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

8P3G36	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
8RD4YY	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
8UER92	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
8WR6CC	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
8XED7Q	Identifiler Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
8XZL2V	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
8YRDFM	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
8YU3M6	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
92VXR7	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				16,20	6,9.3	8,9	17,18
94ZPHY	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
96UBDB	GLOBALFILER EXPRESS						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
				16,20	6,9.3	8,9	17,18
979D7J	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
97MYFL	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
9CF92X	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

9DQBNW	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
9EXTLT	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
9EZJTB	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
9G94RR	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
9P4BKQ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
9QWUEJ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
9R7YR8	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

9UWFBA	Identifiler® DIRECT						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
9V97MY	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
9Y8GHY	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
9YP3YB	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
9YTYGE	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
9Z4ZKZ	ESX 16 fast, Promega						
	1	12,16	17,24	10,11	14,15		
		13,14	13,14	18		12,13	13,20
		13	29,30	15,16	X		22,24
				6,9.3		17,18	
9ZN9HP	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
	-	-	-	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

A37ULW	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
A3KTPY	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
AAPZH4	Identifiler® Plus, Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
ABDNHB	PowerPlex® PP16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
ACCU2P	Identifiler® Plus						
	1	not tested	17,24	not tested	14,15	13,13	8,10
		13,14	not tested	not tested	11,14	12,13	13,20
		13,13	29,30	not tested	X,X	10,12	22,24
	not tested	not tested	not tested	6,9.3	8,9	17,18	
ADNBE4	PowerPlex® 16, HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
AMWB26	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

APWA6P	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
APX7BE	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
AQANQD	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
AQULMB	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
AR4EWR	Identifiler® Identifiler Plus						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
AUVXT6	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
AV2U9L	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

AV4A9K	Identifiler Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
AZFN77	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
AZGVGR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
AZHDCP	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
B7GU6M	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
B8CFXD	PowerPlex® 18 Direct						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
BC7YVP	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

B EGLQH	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
B G2TTQ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
B GF3XK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
B KHZ9D	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
B NEREN	PowerPlex® HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
B QNNR7	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
B R4NCV	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,[18]	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
BREV9W	PowerPlex® HS, Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
BRHDCM	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
BRK8U8	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
BTADAX	Identifiler[sic] Direct						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
BTVRZW	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
BUMF8B	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
BWE2TU	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

BYL7KW	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
BZBZBQ	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
				6,9.3	8,9	17,18	
BZDQGA	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
BZV7NH	Identifiler® Plus, MiniFiler						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
C3FDPQ	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
	NT	NT	16,20	6,9.3	8,9	17,18	
C3H97C	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
C3VYT2	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

C7J99U	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
CCLTFC	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
CCMCW8	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
CE92EY	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
CFHB6B	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
				6,9.3	8,9	17,18	
CFM2KM	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
CGEM76	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

CGZLDW	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
CHCTPK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
CJMANW	Identifiler® ID+						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
CKVGUB	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
CM74P4	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
CMHLGV	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
CNBJP2	Identifiler® Plus, MiniFiler						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

CQ296T	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
CQNWRD	PowerPlex® 16						
	1				14 [^] ,15 [^]	13	8,10
		13,14			11,14	12,13	13,20 [^]
			29,30		X	10,12	22,24
		12,14	16 [^] ,18 [^]		6,9.3	8,9	17,18
CWVPV2	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
CX6X32	Identifiler® ID Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
D2FXPY	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
D2VQBL	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13,13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13,13	29,30	NA	X,X	10,12	22,24
	NA	NA	NA	6,9.3	8,9	17,18	
D2YAGX	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

D3D8JG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
D46YFZ	Identifiler® , Identifiler Plus, MiniFiler						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
D4AJJQ	Identifiler® Plus, PowerPlex® ESX17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
D6G3ZY	Identifiler® Direct and Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
D7V37L	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
D9FCDL	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
D9ZLDU	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

DATJL2	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				16,20	6,9.3	8,9	17,18
DBQ2UC	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
DFJNKW	PowerPlex®						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
DGT9F8	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
DHMNCG	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
DLPPEY	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
DML78J	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

DMVMVG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
DNE4D6	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	6,9.3	8,9	17,18	
DP62D2	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
DT9Z3V	PowerPlex® 16						
	1	N/A	N/A	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		N/A	29,30	N/A	X,X	10,12	22,24
		12,14	16,18	N/A	6,9.3	8,9	17,18
DTPCK2	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
DUDKEF	PowerPlex® 16 HS						
	1	not tested	not tested	not tested	14,15	13	8,10
		13,14	not tested	not tested	11,14	12,13	13,20
		not tested	29,30	not tested	X	10,12	22,24
		12,14	16,18	not tested	6,9.3	8,9	17,18
DUJ3QF	Identifiler® Plus, MiniFiler						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

DVCVLY	PowerPlex® PP16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
DZ6MKZ	Identifiler® , ID+ , MiniFiler						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
DZLF6P	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
E2RNW2	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
E2UD3J	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
E3RWK9	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
E43ZPJ	PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
ECEFTR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
EDQPVK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
EFE4D3	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		-	-	16,20	6,9.3	8,9	17,18
EG9L23	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
EGP2QK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
EJDGZR	GlobalFiler™						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				16,20	6,9.3	8,9	17,18
EKQJWK	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

EL3JTE	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
ELKYYN	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
EPM9CR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
EPY3WX	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
EQWYR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
ET6ZEZ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
ETXLUQ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

EXW3M8	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
F33TAP	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
F3L7PA	Identifiler® Plus						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
F4JZGT	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
F7M8RR	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
FALHMR	Identifiler® Plus, PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
FBH2NT	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

FBVZUG	PowerPlex® 16 Hot Start						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
FC73GF	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
FGHHD	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
FHY88Y	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
FHYEPD	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
FLG63F	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
FLVQD4	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

FLXLVN	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
FN6B9D	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
FPEDYH	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
FPZMB8	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
FQPZTQ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
FQVAPW	Identifiler® Plus, Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
FZYXQM	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

G242GG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
G2MTQZ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
G8TMKW	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
G8VJ79	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
				6,9.3	8,9	17,18	
G93YDE	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
GCP7NF	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
GF9QNX	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

GFM3KG	Identifiler® Direct						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
GG3GUC	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
GG4N7W	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
GHATCD	Identifiler® Plus, MiniFiler						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
GJ4L6B	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
GK3PYL	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
GKXCBP	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

GMP4PG	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
GR3GGA	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
GTB449	Identifiler® Plus						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
GTVZ9G	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
GU43AU	PowerPlex® HS, Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
GVJGJP	PowerPlex® PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
GWA9JE	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

H3GGGH	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
H889UX	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
H972KX	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
HB6JG6	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
				6,9.3	8,9	17,18	
HB79MM	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
HBTKNG	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
HC3Z3V	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

HCK9TB	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
HCZVHY	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
HDYZ2E	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
	-	-	-	6,9.3	8,9	17,18	
HE7F9K	Identifiler® Plus, PowerPlex® ESX 17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
HGXUZW	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
HH726A	PowerPlex® HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
HJ4CXR	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
HQMHWK	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
HX4KT9	Identifiler® Plus						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
HYDLXF	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
HYFFEZ	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
HYZWV3	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
HZ7J4Z	Identifiler Plus						
	1	N/A	17,24	N/A	14,15	13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		13	29,30	N/A	X	10,12	22,24
		N/A	N/A	N/A	6,9.3	8,9	17,18
J48JQV	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

J6HTUA	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
J7CJZN	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
JCWUTJ	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
	12,14	16,18	-	6,9.3	8,9	17,18	
JDQFNV	Globalfiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
JE9AP6	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
JFGM6L	PowerPlex® 16						
	1	N/A	N/A	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		N/A	29,30	N/A	X,X	10,12	22,24
	12,14	16,18	N/A	6,9.3	8,9	17,18	
JGUN3Y	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

JJGTQJ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
JMG2UT	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
JMGCVJ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
JMGCW6	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
JNDR8F	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
JNFGDY	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
				16,20	6,9.3	8,9	17,18
JPMJTP	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

JTLZ6J	Identifiler® Plus, PowerPlex® ESX17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
				16,20	6,9.3	8,9	17,18
JUZ6ZB	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
JZ9QRE	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
K2FAAM	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
K2R8ER	Identifiler® Plus, Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
K4LT8H	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
K6FE3U	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				16,20	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

K6TB7E	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
K7P2LL	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
K9X9QZ	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
KAQRKT	PowerPlex® Fusion Direct						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
KB2CRH	PowerPlex® 16 HS, PowerPlex® ESX17						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	16,20	6,9.3	8,9	17,18
KEKLHU	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
KELVL6	PowerPlex® 16 HS						
	1	NA	NA	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		NA	29,30	NA	X	10,12	22,24
		12,14	16,18	NA	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

KN7RDD	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
KN9K9Z	PowerPlex® 16 HS and Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
KQXQPQ	Profiler Plus ®						
	1				14,15	13,13	8,10
		13,14			11,14		13,20
		29,30		X,X		22,24	
						17,18	
KRQH4H	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
KWLDKV	Identifiler® , MiniFiler						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
KZYDJ9	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
L3QXFK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

L6TEGG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
L7J7EK	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
L8F9XG	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
	12,14	16,18	-	6,9.3	8,9	17,18	
L986LB	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
L9T946	PowerPlex® 18D						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
	12,14	16,18	-	6,9.3	8,9	17,18	
LA3NNC	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LBVLVJ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
LCPYAG	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LCQ4XK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
LD7TAQ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LDJPFV	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LDP3GT	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
LEXMWG	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LFR4GQ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

LHECB6	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
LJU2RJ	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
LLWEFN	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LLYUJW	PowerPlex® HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
LMPX9W	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LMTGXK	PowerPlex® FUSION						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
LPHPMN	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

LQRVLB	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LTXU4B	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
LWH9KD	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
LXTKB9	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
LZZ8X8	Identifiler® Plus, PowerPlex® HS						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
M3FUWQ	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
M6RRMA	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

M727L3	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
M7U4RN	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
M8UWRG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
MCPANJ	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
MDX2LL	PowerPlex® HS, Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
MEC4W2	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
MEGLVZ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

MHT4WU	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
MHTYMR	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
MJP26N	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
MNZPPX	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
MPUFTQ	Identifiler Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
MTUG4L	PowerPlex® PP21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
MWEDPQ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

MXKZYP	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
MZV7RZ	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
N2YKCB	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
NAULTP	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
NAXHBT	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
NGEQJ4	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
NH7L7D	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
NJK7YM	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
NMKP69	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
NNHXDR	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
NPNKMQ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
NTPYNG	PowerPlex® 16						
	1	N/A	N/A	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		N/A	29,30	N/A	X,X	10,12	22,24
		12,14	16,18	N/A	6,9.3	8,9	17,18
NU7K9X	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
NX3AP6	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

NYCE3T	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
NYXRR7	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
P243AA	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
P6J3EA	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
P84L7D	Identifiler® , MiniFiler						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
P9Z48E	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PAA7WY	PowerPlex® 16						
	1				14^,15^	13	8^,10^
		13^,14^			11^,14^	12^,13^	13^,20^
			29^,30^		X	10^,12^	22,24
	12^,14^	16^,18^		6^,9.3^	8^,9^	17^,18^	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

PATF6K	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PAY3QM	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PB7HXU	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
PBK7YK	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
PC4MG9	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PCXKMU	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
PDQYZR	Globalfiler Express						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

PDTTGC	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
PEMJMQ	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PEPAUA	Identifiler Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
PGPPDD	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PKBYF6	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
PLN423	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
PQD9KC	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
PQG4J6	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
PVDMMN	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
PVUDGL	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
PXFTXN	PowerPlex® 16 and HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
PZ6QYK	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
Q2ELCJ	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
Q2THNV	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

Q3A2LU	PowerPlex® HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
Q3M4GM	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
Q3TTVE	PowerPlex® 16						
	1	N/A	N/A	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		N/A	29,30	N/A	X,X	10,12	22,24
		12,14	16,18	N/A	6,9.3	8,9	17,18
Q443UK	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
Q4KEDP	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
QAM8AK	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
QBJ4UU	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

QBNNWJ	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
QCTMP4	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
QJG4J3	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
QKMPQF	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
QLFNYL	PowerPlex® Fusion, GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18	16,20	6,9.3	8,9	17,18
QLLR2D	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			[11],14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
QLZ3VC	Identifiler® , GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				16,20	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

QMCUQE	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
QMH8CP	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
QPJ9D8	Identifiler® Plus						
	1	N/A	17,24	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		13,13	29,30	N/A	X,X	10,12	22,24
		N/A	N/A	N/A	6,9.3	8,9	17,18
QTJTK	Profiler® Plus						
	1				14,15	13,13	8,10
		13,14			11,14		13,20
		29,30		X,X		22,24	
						17,18	
QUDBWD	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
QV8TGM	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
QVNL3A	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

QVR7RY	PowerPlex® 16 HS						
	1	-	-	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		-	29,30	-	X	10,12	22,24
	12,14	16,18	-	6,9.3	8,9	17,18	
QVTBF3	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
QWKLV3	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
QZ3MEN	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
	-	-	16,20	6,9.3	8,9	17,18	
QZMZZ	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
R2T8LK	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
R4XBF9	Identifiler® Plus						
	1	NO PROFILE	17,24	NO PROFILE	14,15	13,13	8,10
		13,14	NO PROFILE	NO PROFILE	11,14	12,13	13,20
		13,13	29,30	NO PROFILE	X,X	10,12	22,24
	NO PROFILE	NO PROFILE	NO PROFILE	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

R6BE28	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
R7NYTG	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
R9BHUF	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
RDMYDW	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
REGEEF	Identifiler®						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
RFA6KU	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
RFCUQC	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
RFR9Z8	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13,13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13,13	29,30	NA	X,X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
RFTETF	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
RG4QF7	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
RHCBWE	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
RHF34F	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
RK7RHN	Globalfiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				16,20	6,9.3	8,9	17,18
RLFWVC	PowerPlex® PP16						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
RLVPFZ	PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
RMAMY7	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
RMPFLE	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
RPV2CY	PowerPlex® PP16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
RQPRHE	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
T73HXR	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
TAJMRG	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

TALD2K	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TBVU66	PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TC6YKE	PowerPlex®Fusion, PowerPlex®ESX16						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18	not tested	6,9.3	8,9	17,18
TCAB7P	PowerPlex® HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TCRAG2	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TEDKJT	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TEUZAF	Identifiler® ID+						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

TN3ZY4	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TPADKC	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
TQNNEA	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	1	12,16	17,24	10,11	14,15		
		13,14	13,14	18		12,13	13,20
		13	29,30	15,16	X		22,24
			16,20	6,9.3		17,18	
TRH7ZJ	Identifiler® +						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
TUGHEZ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TWBU9G	GlobalFiler						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
TWRJGH	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

TWUH97	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
TZF3HF	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
TZRUDH	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
U2JCRP	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
U2KGCK	Identifiler® ID Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
U49J9F	PowerPlex® PowerPlex® 16 HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
			16,18		6,9.3	8,9	17,18
U6LL7T	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
			16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
U7G48U	PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
UAV9UB	PowerPlex® 16						
	1	N/A	N/A	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		N/A	29,30	N/A	X,X	10,12	22,24
		12,14	16,18	N/A	6,9.3	8,9	17,18
UDTUH8	Identifiler Direct						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
UDXCF6	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
UHTB7F	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
UKFFUY	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
UNXXNP	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

UP7HLJ	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
UVZZU	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
UYXDT9	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
UZTT67	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
V2HAMX	PowerPlex® 16 HS						
	1	-	-	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		-	29,30	-	X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
V4M6J3	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
V6KFF6	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
VC3GLM	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
VGA8NT	PowerPlex® 16 HS						
	1	-	-	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		-	29,30	-	X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
VGAE4M	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
VGDW9C	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
VL42LU	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
VM2LMV	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
VQGLTF	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9,3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

VQUVNF	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
VUWNN7	PowerPlex® 16						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
VCFT3	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
VP6UT	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
WUK9F	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
VZM2QU	Identifiler® Plus						
	1	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
W46HLK	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

W6A9L9	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
W8JLJU	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
W9EV3J	Identifiler Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
WBMG3X	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
WCE3NG	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
WJFEKD	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
WK8H9E	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

WKPWPG	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
WMJHME	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
WR7ZPB	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
WRLTBY	PowerPlex® HS						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
WWZUMD	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	
WYANLX	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
X29LAV	Identifiler® Plus, PowerPlex® HS						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
	12,14	16,18		6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
X2NBJF	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
X2TTHE	Identifiler® Direct						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
X6U4RG	Identifiler® Plus, PowerPlex® 16						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
X7J6J3	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
X7JVGR	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
X8GZY8	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
X9DQCU	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

XAMZ37	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
XCTT9K	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
XDJK8P	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
XE3BFA	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
XFBFVJ	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
XFQ36K	GlobalFiler Express						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
XHV3DR	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

XJPTJ7	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
XLJA4G	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
XMRWL8	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
XU93AL	Identifiler® Plus						
	1	NA	17,24	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		13	29,30	NA	X	10,12	22,24
		NA	NA	NA	6,9.3	8,9	17,18
XUQ9BW	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
XVJ27F	PowerPlex® 16						
	1				14,15	13,13	8,10
		13,14			11,14	12,13	13,20
			29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
XWERA9	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

XY3W98	PowerPlex® 16						
	1	N/A	N/A	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		N/A	29,30	N/A	X,X	10,12	22,24
		12,14	16,18	N/A	6,9.3	8,9	17,18
XY7JNZ	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
XY99UJ	Identifiler®						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
Y2N6R8	Identifiler® Identifiler Plus						
	1	N/A	17,24	N/A	14,15	13,13	8,10
		13,14	N/A	N/A	11,14	12,13	13,20
		13,13	29,30	N/A	X,X	10,12	22,24
		N/A	N/A	N/A	6,9.3	8,9	17,18
Y2PQAL	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
Y9PDEM	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
YANH3	Globalfiler						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
			16,20	6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

YAXPU4	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
YBCL92	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
YDL4KY	Identifiler® Identifiler Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
YEVJ4J	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
YEWDK4	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
YFRWL7	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
YHD442	Identifiler® Plus						
	1	N/T	17,24	N/T	14,15	13,13	8,10
		13,14	N/T	N/T	11,14	12,13	13,20
		13,13	29,30	N/T	X,X	10,12	22,24
		N/T	N/T	N/T	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 1 - STR Results

YHUXNN	PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
YJAJEC	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,[14]	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,[23],24
		12,14	16,18		6,9.3	8,9	17,18
YLT9KN	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
YMNUG	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
YMNRLP	PowerPlex® 18D						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
YQ8GW9	PowerPlex® 16 HS, Fusion						
	1	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
YRXC7F	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
YYNFG	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
YWDAR6	PowerPlex® Fusion						
	1	12,16	17,24	10,11	14,15	13,13	8,10
		13,14	13,14	18,18	11,14	12,13	13,20
		13,13	29,30	15,16	X,X	10,12	22,24
		12,14	16,18	-	6,9.3	8,9	17,18
YX67FX	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
Z62X96	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
ZAHNR2	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
ZD29MB	PowerPlex® 21						
	1	12,16	17,24		14,15	13,13	8,10
		13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
ZDXTP	PowerPlex® 16 HS						
	1	NA	NA	NA	14,15	13	8,10
		13,14	NA	NA	11,14	12,13	13,20
		NA	29,30	NA	X	10,12	22,24
		12,14	16,18	NA	6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
ZHTKGL	PowerPlex® 16 HS						
	1				14,15	13	8,10
		13,14			11,14	12,13	13,20
			29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
ZM8KTZ	Identifiler® Plus						
	1	-	17,24	-	14,15	13,13	8,10
		13,14	-	-	11,14	12,13	13,20
		13,13	29,30	-	X,X	10,12	22,24
		-	-	-	6,9.3	8,9	17,18
ZWR2DU	Identifiler®						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
ZXKKM9	Identifiler® Plus						
	1		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
					6,9.3	8,9	17,18
ZXMCFN	Identifiler® Plus						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18
ZYDHVE	Identifiler® , MiniFiler						
	1		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

239WUN	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
2448VH	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
24QZA2	Identifiler® Plus, PowerPlex® ESX17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
26ZKZ3	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
27XX2X	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
29W46M	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
2CFLFY	Identifiler® Plus, PowerPlex® ESX17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
2FHY8C	PowerPlex® 18D						
	2	17,22			18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
2KV6XD	GlobalFiler						
	2	17,22	11		18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
2LM9LE	Identifiler® Plus						
	2	17,22	NA		18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
2NULA8	PowerPlex® Fusion						
	2	17,22	11		18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
2PLJHE	Identifiler® Plus						
	2	17,22	NA		18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
2QH3JF	Identifiler® Direct						
	2	17,22	-		18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
2RAN2Q	Identifiler® Plus						
	2	17,22			18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

2T74B3	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
2TNKHB	PowerPlex® 16, 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
2W8CVY	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
2WM3F4	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
2XGKZD	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
2Z8QG4	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
2ZLCTQ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

32B6YT	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
379LD9	PowerPlex® PP16 HS and PPFusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
38KNBL	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
3BZNLE	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
3D7KDB	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3FE6DR	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3JAN2N	PowerPlex® 18D						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

3JD8PR	PowerPlex® 16 Hot Start						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
3NM99A	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3NNTMJ	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
	-	-	-	7	6,7	15,17	
3PJA8T	Identifiler® Plus						
	2	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
	N/A	N/A	N/A	7,7	6,7	15,17	
3PK4NE	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
3PY4TG	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3QB8FZ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

3T3VME	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3T62BJ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3TLMVY	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
3TNC3H	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
3UYM7V	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3V9RJJ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
3WXPKE	GlobalFiler Express						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

44HFWH	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
44K74Z	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
4A7THJ	PowerPlex® 16 HS						
	2	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
4BXN8D	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
4EFGAM	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4FDLT2	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4HG6C	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

4HJT43	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
4NJ2JM	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
4PG42J	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
4RKANW	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
4TY2W2	PowerPlex® 16						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7,7	11,11 6,7	21,22 15,17
4UUKX3	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
4V44N4	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

4V7G38	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
4XP9YM	PowerPlex® 16 Hot Start						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
63G3PF	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
64E99V	Identifiler® Plus						
	2	Not tested	17,22	Not tested	18,18	11,12	10,12
		12,14	Not tested	Not tested	11,12	9,12	17,18
		15.2,16.2	28,30	Not tested	X,Y	11,11	21,22
	Not tested	Not tested	Not tested	7,7	6,7	15,17	
64YG94	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
66MKMC	PowerPlex® PP16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
66UZA6	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

67H7G3	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
67LQ7Q	Identifiler® Identifiler Plus, MiniFiler						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
68B4NA	Identifiler® , PowerPlex® 16						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
6BWL8U	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
6CNAD9	Identifiler® Identifiler Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
6F9RM2	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
6LEKGW	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

6M7Q7F	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
6NKTZN	Identifiler® Plus, PowerPlex® 16 HS						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
6Q6WCT	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
6UQGJH	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
6WTPWL	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
74RALG	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
77FVZQ	Identifiler® Plus						
	2	n/a	17,22	n/a	18,18	11,12	10,12
		12,14	n/a	n/a	11,12	9,12	17,18
		15.2,16.2	28,30	n/a	X,Y	11,11	21,22
		n/a	n/a	n/a	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

77VPLD	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
77XRKD	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
78QKFV	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
7C4KGU	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
7DHUPU	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
7GFB4A	Identifiler® Plus						
	2	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
7GUVQR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

7J68J8	Identifiler® , Identifiler Plus, MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
7KFEXG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
7KVBAU	Identifiler® Plus						
	2	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
	N/A	N/A	N/A	7,7	6,7	15,17	
7NVJE4	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
7NXAKM	PowerPlex® HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
7PPWQH	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18 ^
			28,30		X,Y	11	21,22
	5,13	7,14 ^		7	6,7	15,17	
7QL9RC	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

7QNXYV	Identifiler® Plus, PowerPlex® ESX17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17
7UJRWV	ESIPRO17; NGMSE						
	2	14	17,22	11	18		
		12,14	11,13	17		9,12	17,18
		15.2,16.2	28,30	11,17	X,Y		21,22
				18,31.2	7		15,17
7ULWFR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
7UNAUV	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
7YENDB	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
83THT8	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
848FBC	Globalfiler						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

84N4LY	Identifiler® Identifiler Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
87TUML	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
887Q8C	Globalfiler						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
8AUXFU	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8CH66X	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
8CW7UX	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8EJERK	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

8FZ2DZ	Identifiler®						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
8GQRFD	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8GRHMW	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8H6WA6	Identifiler® Direct, Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8KP4CD	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8MFAR4	PowerPlex® PP16 HS and PP Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
8NTAXR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

8P3G36	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
8RD4YY	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
8UER92	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
8WR6CC	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
8XED7Q	Identifiler Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
8XZL2V	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
8YRDFM	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

8YU3M6	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
92VXR7	GlobalFiler Express						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17 18,31.2	X,Y 7	11 6,7	21,22 15,17
94ZPHY	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
96UBDB	GLOBALFILER EXPRESS						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17 18,31.2	X,Y 7,7	11,11 6,7	21,22 15,17
979D7J	Identifiler® , MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
97MYFL	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
9CF92X	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

9DQBNW	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
9EXTLT	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
9EZJTB	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
9G94RR	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
9P4BKQ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
9QWUEJ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
9R7YR8	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

9UWFBA	Identifiler® DIRECT						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
9V97MY	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
9Y8GHY	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
9YP3YB	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
9YTYGE	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
9Z4ZKZ	ESX 16 fast, Promega						
	2	14	17,22	11	18		
		12,14	11,13	17		9,12	17,18
		15.2,16.2	28,30	11,17	X,Y		21,22
				7		15,17	
9ZN9HP	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

A37ULW	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
A3KTPY	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
AAPZH4	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
ABDNHB	PowerPlex® PP16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
ACCU2P	Identifiler® Plus						
	2	not tested	17,22	not tested	18,18	11,12	10,12
		12,14	not tested	not tested	11,12	9,12	17,18
		15.2,16.2	28,30	not tested	X,Y	11,11	21,22
		not tested	not tested	7,7	6,7	15,17	
ADNBE4	PowerPlex® 16, HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
AMWB26	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
Item 2 - STR Results							
APWA6P	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
APX7BE	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
AQANQD	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
AQULMB	Promega PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
AR4EWR	Identifiler® Identifiler Plus						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
AUVXT6	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
AV2U9L	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

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AV4A9K	Identifiler Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
AZFN77	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	17
AZGVGR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
AZHDCP	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
B7GU6M	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
B8CFXD	PowerPlex® 18 Direct						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
BC7YVP	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

B EGLQH	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
B G2TTQ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
B GF3XK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
B KHZ9D	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
B NEREN	PowerPlex® HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
B QNNR7	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y 7	11 6,7	21,22 15,17
B R4NCV	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

BREV9W	PowerPlex® HS, Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BRHDCM	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
BRK8U8	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
BTADAX	Identifiler[sic] Direct						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
BTVRZW	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
BUMF8B	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BWE2TU	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

BYL7KW	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
BZBZBQ	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
				7,7	6,7	15,17	
BZDQGA	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BZV7NH	Identifiler® Plus, MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
C3FDPQ	GlobalFiler Express						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	NT	NT	18,31.2	7,7	6,7	15,17	
C3H97C	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
C3VYT2	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

C7J99U	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CCLTFC	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CCMCW8	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CE92EY	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
CFHB6B	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
CFM2KM	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
CGEM76	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
CGZLDW	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
CHCTPK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
CJMANW	Identifiler® ID+						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
CKVGUB	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CM74P4	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
CMHLGV	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
CNBJP2	Identifiler® Plus, MiniFiler						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

CQ296T	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CQNWRD	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17^,18^
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CWVPV2	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
CX6X32	Identifiler® ID Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
D2FXPY	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
D2VQBL	Identifiler® Plus						
	2	NA	17,22	NA	18,18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11,11	21,22
		NA	NA	NA	7,7	6,7	15,17
D2YAGX	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

D3D8JG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
D46YFZ	Identifiler® , Identifiler Plus, MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
D4AJJQ	Identifiler® Plus, PowerPlex® ESX17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17 18,31.2	X,Y 7,7	11,11 6,7	21,22 15,17
D6G3ZY	Identifiler® Direct and Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
D7V37L	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
D9FCDL	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
D9ZLDU	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

DATJL2	GlobalFiler Express						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
DBQ2UC	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
DFJNKW	PowerPlex®						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
DGT9F8	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
DHMNCG	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
DLPPEY	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
DML78J	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

DMVMVG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
DNE4D6	Identifiler® Plus						
	2	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
DP62D2	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DT9Z3V	PowerPlex® 16						
	2	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
	5,13	7,14	N/A	7,7	6,7	15,17	
DTPCK2	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DUDKEF	PowerPlex® 16 HS						
	2	not tested	not tested	not tested	18	11,12	10,12
		12,14	not tested	not tested	11,12	9,12	17,18
		not tested	28,30	not tested	X,Y	11	21,22
	5,13	7,14	not tested	7	6,7	15,17	
DUJ3QF	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

DVCVLY	PowerPlex® PP Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
DZ6MKZ	Identifiler® , ID+, MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
DZLF6P	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
E2RNW2	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
E2UD3J	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
E3RWK9	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
E43ZPJ	PowerPlex® 18D						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

ECEPTR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
EDQPVK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
EFE4D3	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		-	-	18,31.2	7,7	6,7	15,17
EG9L23	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
EGP2QK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
EJDGZR	GlobalFiler™						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17 18,31.2	X,Y 7	11 6,7	21,22 15,17
EKQJWK	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

EL3JTE	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
ELKYYN	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
EPM9CR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
EPY3WX	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
EQWYR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
ET6ZEZ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
ETXLUQ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

EXW3M8	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
F33TAP	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
F3L7PA	Identifiler® Plus						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
F4JZGT	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
F7M8RR	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
FALHMR	Identifiler® Plus, PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
FBH2NT	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
FBVZUG	PowerPlex® 16 Hot Start						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
FC73GF	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
FGHHD	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
FHY88Y	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
FHYEPD	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
FLG63F	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
FLVQD4	GlobalFiler Express						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

FLXLVN	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
FN6B9D	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
FPEDYH	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
FPZMB8	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
FQPZTQ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
FQVAPW	Identifiler® Plus, Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
FZYXQM	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

G242GG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
G2MTQZ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
G8TMKW	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
G8VJ79	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
				7	6,7	15,17	
G93YDE	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
GCP7NF	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
GF9QNX	GlobalFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

GFM3KG	Identifiler® Direct						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
GG3GUC	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
GG4N7W	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
GHATCD	Identifiler® Plus, MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
GJ4L6B	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
GK3PYL	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14	-	7,7	6,7	15,17	
GKXCBP	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

GMP4PG	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
GR3GGA	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
GTB449	Identifiler® Plus						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
GTV29G	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
GU43AU	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
GVJGJP	PowerPlex® PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
GWA9JE	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

H3GGGH	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
H889UX	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
H972KX	GlobalFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	
HB6JG6	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
				7	6,7	15,17	
HB79MM	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
HBTKNG	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
HC3Z3V	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

HCK9TB	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
HCZVHY	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
HDYZ2E	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
HE7F9K	Identifiler® Plus, PowerPlex® ESX 17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
HGXUZW	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
HH726A	PowerPlex® HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
HJ4CXR	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

HQMHWK	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
HX4KT9	Identifiler® Plus						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
HYDLXF	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
HYFFEZ	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
HYZWV3	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
HZ7J4Z	Identifiler Plus						
	2	N/A	17,22	N/A	18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11	21,22
		N/A	N/A	N/A	7	6,7	15,17
J48JQV	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
J6HTUA	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
J7CJZN	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
JCWUTJ	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14	-	7,7	6,7	15,17
JDQFNV	Globalfiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
JE9AP6	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
JFGM6L	PowerPlex® 16						
	2	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
JGUN3Y	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

JJGTQJ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
JMG2UT	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
JMGCVJ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
JMGCW6	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
JNDR8F	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
JNFGDY	GlobalFiler Express						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
JPMJTP	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

JTLZ6J	Identifiler® Plus, PowerPlex® ESX17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17
JUZ6ZB	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
JZ9QRE	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
K2FAAM	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
K2R8ER	Identifiler® Plus, Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
K4LT8H	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14	-	7,7	6,7	15,17
K6FE3U	GlobalFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

K6TB7E	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
K7P2LL	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
K9X9QZ	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
KAQRKT	PowerPlex® Fusion Direct						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	17
KB2CRH	PowerPlex® 16 HS, PowerPlex® ESX17						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14	18,31.2	7,7	6,7	15,17
KEKLHU	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
KELVL6	PowerPlex® 16 HS						
	2	NA	NA	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
		5,13	7,14	NA	7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

KN7RDD	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
KN9K9Z	PowerPlex® 16 HS and Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
KQXQPQ	Profiler Plus ®						
	2				18,18	11,12	10,12
		12,14			11,12		17,18
		28,30		X,Y		21,22	
						15,17	
KRQH4H	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
KWLDKV	Identifiler® , MiniFiler						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
KZYDJ9	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
L3QXFK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

L6TEGG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
L7J7EK	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
L8F9XG	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14	-	7,7	6,7	15,17	
L986LB	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
L9T946	PowerPlex® 18D						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
	5,13	7,14	-	7	6,7	15,17	
LA3NNC	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LBVLVJ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

LCPYAG	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LCQ4XK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
LD7TAQ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LDJPFV	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LDP3GT	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	17	
LEXMWG	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LFR4GQ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

LHECB6	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LJU2RJ	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
LLWEFN	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
LLYUJW	PowerPlex® HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LMPX9W	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
LMTGXK	PowerPlex® FUSION						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LPHPMN	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

LQRVLB	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LTXU4B	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LWH9KD	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LXTKB9	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LZZ8X8	Identifiler® Plus, PowerPlex® HS						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
M3FUWQ	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
M6RRMA	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

M727L3	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
M7U4RN	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14	-	7,7	6,7	15,17	
M8UWRG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
MCPANJ	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
MDX2LL	PowerPlex® HS, Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
MEC4W2	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
MEGLVZ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

MHT4WU	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
MHTYMR	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
MJP26N	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14		17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
MNZPPX	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
MPUFTQ	Identifiler Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
MTUG4L	PowerPlex® PP21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
MWEDPQ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
MXKZYP	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
MZV7RZ	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
N2YKCB	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
NAULTP	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
NAXHBT	GlobalFiler Express						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
NGEQJ4	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
NH7L7D	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

NJK7YM	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
NMKP69	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
NNHXDR	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
NPNKMQ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
NTPYNG	PowerPlex® 16						
	2	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
NU7K9X	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
NX3AP6	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

NYCE3T	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
NYXRR7	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
P243AA	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
P6J3EA	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
P84L7D	Identifiler® , MiniFiler						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
P9Z48E	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PAA7WY	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

PATF6K	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PAY3QM	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PB7HXU	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
PBK7YK	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
PC4MG9	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PCXKMU	Identifiler® Plus						
	2	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
PDQYZR	Globalfiler Express						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
PDTTGC	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
PEMJMQ	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
PEPAUA	Identifiler Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
PGPPDD	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
PKBYF6	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
PLN423	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
PQD9KC	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
PQG4J6	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
PVDMMN	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
PVUDGL	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
PXFTXN	PowerPlex® 16 and HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
PZ6QYK	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
Q2ELCJ	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
Q2THNV	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

Q3A2LU	PowerPlex® HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
Q3M4GM	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
Q3TTVE	PowerPlex® 16						
	2	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
Q443UK	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
Q4KEDP	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
QAM8AK	GlobalFiler						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
QBJ4UU	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

QBNNWJ	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
QCTMP4	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
QJG4J3	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
QKMPQF	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
QLFNYL	PowerPlex® Fusion, GlobalFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14	18,31.2	7	6,7	15,17	
QLLR2D	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
QLZ3VC	Identifiler® , GlobalFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

QMCUQE	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
QMH8CP	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QPJ9D8	Identifiler® Plus						
	2	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
		N/A	N/A	N/A	7,7	6,7	15,17
QTJTK	Profiler® Plus						
	2				18,18	11,12	10,12
		12,14			11,12		17,18
			28,30		X,Y		21,22
							15,17
QUDBWD	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QV8TGM	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
QVNL3A	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

QVR7RY	PowerPlex® 16 HS						
	2	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
QVTBF3	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
QWKLV3	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
QZ3MEN	GlobalFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		-	-	18,31.2	7	6,7	15,17
QZMZZ	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
R2T8LK	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
R4XBF9	Identifiler® Plus						
	2	NO PROFILE	17,22	NO PROFILE	18,18	11,12	10,12
		12,14	NO PROFILE	NO PROFILE	11,12	9,12	17,18
		15.2,16.2	28,30	NO PROFILE	X,Y	11,11	21,22
		NO PROFILE	NO PROFILE	7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

R6BE28	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
R7NYTG	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
R9BHUF	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
RDMYDW	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
REGEEF	Identifiler®						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
RFA6KU	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
RFCUQC	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

RFR9Z8	Identifiler® Plus						
	2	NA	17,22	NA	18,18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11,11	21,22
		NA	NA	NA	7,7	6,7	15,17
RFTETF	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RG4QF7	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
RHCBWE	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RHF34F	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RK7RHN	Globalfiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	
RLFWVC	PowerPlex® PP16						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
RLVPFZ	PowerPlex® 16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
RMAMY7	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
RMPFLE	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
RPV2CY	PowerPlex® PP16 HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
RQPRHE	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
T73HXR	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TAJMRG	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

TALD2K	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TBVU66	PowerPlex® 18D						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
TC6YKE	PowerPlex®Fusion, PowerPlex®ESX16						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14	not tested	7	6,7	15,17
TCAB7P	PowerPlex® HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
TCRAG2	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TEDKJT	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TEUZAF	Identifiler® ID+						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

TN3ZY4	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
TPADKC	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
TQNNEA	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	2	14	17,22	11	18		
		12,14	11,13	17		9,12	17,18
		15.2,16.2	28,30	11,17	X,Y		21,22
			18,31.2	7		15,17	
TRH7ZJ	Identifiler® +						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
TUGHEZ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
TWBU9G	GlobalFiler						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
TWRJGH	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				7	6,7	15,17	
		5,13	7,14				

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

TWUH97	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
TZF3HF	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
TZRUDH	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
U2JCRP	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
U2KGCK	Identifiler® ID Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
U49J9F	PowerPlex® PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
U6LL7T	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

U7G48U	PowerPlex® 18D						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
UAV9UB	PowerPlex® 16						
	2	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
UDTUH8	Identifiler Direct						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
UDXCF6	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
UHTB7F	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
UKFFUY	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
UNXXNP	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

UP7HLJ	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
UVZZU	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
UYXDT9	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
UZTT67	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
V2HAMX	PowerPlex® 16 HS						
	2	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
V4M6J3	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
V6KFF6	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

VC3GLM	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
VGA8NT	PowerPlex® 16 HS						
	2	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
VGAE4M	Identifiler® Plus						
	2	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
VGDW9C	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
VL42LU	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
VM2LMV	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
VQGLTF	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

VQUVNF	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14	-	7,7	6,7	15,17
VUWNN7	PowerPlex® 16						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WCFT3	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
WV6UT	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WVU9F	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
VZM2QU	Identifiler® Plus						
	2	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
W46HLK	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

W6A9L9	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
W8JLJU	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
W9EV3J	Identifiler Plus						
	2	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
WBMG3X	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WCE3NG	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WJFEKD	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WK8H9E	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

WKPWPG	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
WMJHME	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
WR7ZPB	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
WRLTBY	PowerPlex® HS						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
WWZUMD	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
WYANLX	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
X29LAV	Identifiler® Plus, PowerPlex® HS						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

X2NBJF	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
X2TTHE	Identifiler® Direct						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
X6U4RG	Identifiler® Plus, PowerPlex® 16						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
X7J6J3	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
X7JVGR	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
X8GZY8	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
X9DQCU	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

XAMZ37	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XCTT9K	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
XDJK8P	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XE3BFA	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XFBFVJ	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XFQ36K	GlobalFiler Express						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
XHV3DR	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

XJPTJ7	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XLJA4G	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XMRWL8	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XU93AL	Identifiler® Plus						
	2	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
XUQ9BW	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
XVJ27F	PowerPlex® 16						
	2				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
XWERA9	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

XY3W98	PowerPlex® 16						
	2	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
XY7JNZ	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
XY99UJ	Identifiler®						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
Y2N6R8	Identifiler® Identifiler Plus						
	2	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
		N/A	N/A	N/A	7,7	6,7	15,17
Y2PQAL	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
Y9PDEM	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
YANH3	Globalfiler						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 2 - STR Results

YAXPU4	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		5,13	7,14	-	7,7	6,7	15,17
YBCL92	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
YDL4KY	Identifiler® Identifiler Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
YEVJ4J	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
YEWDK4	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
YFRWL7	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
YHD442	Identifiler® Plus						
	2	N/T	17,22	N/T	18,18	11,12	10,12
		12,14	N/T	N/T	11,12	9,12	17,18
		15.2,16.2	28,30	N/T	X,Y	11,11	21,22
		N/T	N/T	N/T	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

YHUXNN	PowerPlex® 18D						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YJAJEC	PowerPlex® Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YLT9KN	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YMNUG	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
YMNRLP	PowerPlex® 18D						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YQ8GW9	PowerPlex® 16 HS, Fusion						
	2	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YRXC7F	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

YYNFG	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
YWDAR6	PowerPlex® Fusion						
	2	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y 7,7	11,11 6,7	21,22 15,17
YX67FX	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
Z62X96	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
ZAHNR2	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
ZD29MB	PowerPlex® 21						
	2	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
ZDXT9P	PowerPlex® 16 HS						
	2	NA	NA	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
	5,13	7,14	NA	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
ZHTKGL	PowerPlex® 16 HS						
	2				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
ZM8KTZ	Identifiler® Plus						
	2	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
ZWR2DU	Identifiler®						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
ZXKKM9	Identifiler® Plus						
	2		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
ZXMCFN	Identifiler® Plus						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
ZYDHVE	Identifiler® , MiniFiler						
	2		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
239WUN	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
2448VH	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
24QZA2	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
26ZKZ3	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
27XX2X	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
29W46M	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
2CFLFY	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

2KV6XD	GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17 18,31.2	X,Y 7	11 6,7	21,22 15,17
2LM9LE	COfiler® and Profiler Plus® , MiniFiler						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
2NULA8	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
2PLJHE	Identifiler® Plus						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
2QH3JF	Identifiler® Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
	-	-	-	7	6,7	15,17	
2RAN2Q	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
2T74B3	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

2TNKHB	PowerPlex® 16, 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
2W8CVY	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
2WM3F4	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
2XGKZD	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
2Z8QG4	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
2ZLCTQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
32B6YT	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
38KNBL	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
3BZNLE	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
3D7KDB	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
3FE6DR	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
3JD8PR	PowerPlex® 16 Hot Start						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
3NM99A	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
3PJA8T	Identifiler® Plus						
	3	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
		N/A	N/A	N/A	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

3PK4NE	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
3PY4TG	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3QB8FZ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3T3VME	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3T62BJ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3TLMVY	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
3TNC3H	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

3UYM7V	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
3V9RJJ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
3WXPKF	GLobalFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
44HFWH	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
44K74Z	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
4A7THJ	PowerPlex® 16 HS						
	3	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
4BXN8D	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

4EFGAM	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4FDLT2	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4HGGC6	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
4HJT43	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4NJ2JM	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
4PG42J	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4RKANW	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

4TY2W2	PowerPlex® 16						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13		7,14		7,7	6,7	15,17
4UUKX3	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
4V44N4	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
4V7G38	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
4XP9YM	PowerPlex® 16 Hot Start						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
63G3PF	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
64E99V	Identifiler® Plus						
	3	Not tested	17,22	Not tested	18,18	11,12	10,12
		12,14	Not tested	Not tested	11,12	9,12	17,18
		15.2,16.2	28,30	Not tested	X,Y	11,11	21,22
	Not tested	Not tested	Not tested	7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

64YG94	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
66MKMC	PowerPlex® PP16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
66UZA6	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
67H7G3	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
67LQ7Q	Identifiler® Identifiler Plus, MiniFiler						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
68B4NA	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
6BWL8U	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

6CNAD9	Identifiler® Identifiler Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
6F9RM2	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
6LEKGW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
6M7Q7F	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
6NKTZN	Identifiler® Plus, PowerPlex® 16 HS						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
6Q6WCT	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
6UQGJH	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

6WTPWL	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
77FVZQ	Identifiler® Plus						
	3	n/a	17,22	n/a	18,18	11,12	10,12
		12,14	n/a	n/a	11,12	9,12	17,18
		15.2,16.2	28,30	n/a	X,Y	11,11	21,22
		n/a	n/a	n/a	7,7	6,7	15,17
77VPLD	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
77XRKD	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
78QKFV	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
7C4KGU	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
7DHUPU	Identifiler® Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
Item 3 - STR Results							
7GFB4A	COfiler® and Profiler Plus® , MiniFiler						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
7GUVQR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
7J68J8	Identifiler® , Identifiler Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
7KFEXG	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
7KVBAU	Identifiler® Plus						
	3	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
		N/A	N/A	N/A	7,7	6,7	15,17
7NVJE4	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
7NXAKM	PowerPlex® HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

7PPWQH	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
7QL9RC	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
7QNXYV	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
7UJRWV	ESIPRO17; ESX 17						
	3	14	17,22	11	18		
		12,14	11,13	17		9,12	17,18
		15.2,16.2	28,30	11,17	X,Y		21,22
			18,31.2	7		15,17	
7ULWFR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
7UNAUV	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
7YENDB	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

83THT8	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
848FBC	Globalfiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17
84N4LY	Identifiler® Identifiler Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
87TUML	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8AUXFU	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8CH66X	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
8CW7UX	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

8EJERK	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8FZ2DZ	Identifiler®						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
				7,7	6,7	15,17	
8GQRFD	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8GRHMW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8KP4CD	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8NTAXR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8P3G36	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

8RD4YY	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8UER92	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
8WR6CC	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8XED7Q	Identifiler Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8XZL2V	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
8YRDFM	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
8YU3M6	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

92VXR7	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
94ZPHY	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
96UBDB	GLOBALFILER						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17 18,31.2	X,Y 7,7	11,11 6,7	21,22 15,17
979D7J	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
97MYFL	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
9CF92X	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
9DQBNW	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

9EXTLT	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
9EZJTB	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
9G94RR	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
9P4BKQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
9QWUEJ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
9R7YR8	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
9UWFBA	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
9V97MY	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
9Y8GHY	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
9YP3YB	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
9YTYGE	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
9Z4ZKZ	ESX 16 fast, Promega						
	3	14	17,22	11	18		
		12,14	11,13	17		9,12	17,18
		15.2,16.2	28,30	11,17	X,Y		21,22
					7		15,17
9ZN9HP	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
A37ULW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

A3KTPY	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
ABDNHB	PowerPlex® PP16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
ACCU2P	Identifiler® Plus						
	3	not tested	17,22	not tested	18,18	11,12	10,12
		12,14	not tested	not tested	11,12	9,12	17,18
		15.2,16.2	28,30	not tested	X,Y	11,11	21,22
	not tested	not tested	not tested	7,7	6,7	15,17	
ADNBE4	PowerPlex® 16, HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
AMWB26	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
APWA6P	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
APX7BE	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

AQULMB	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
AR4EWR	Identifiler® Identifiler Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
AUVXT6	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
AV2U9L	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
AV4A9K	Identifiler Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
AZGVGR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
AZHDCP	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

B7GU6M	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
B8CFXD	PowerPlex® 16 HS						
	3	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
BC7YVP	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
BEGLQH	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
BG2TTQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
BGF3XK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
BKHZ9D	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

BNEREN	PowerPlex® HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BQNNR7	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BR4NCV	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			[11],12	9,12	17,[18]
		15.2,16.2	28,[30]		X,Y	11	21,22
				7	6,7	15,17	
BREV9W	PowerPlex® HS, Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
BRHDCM	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
	-	-	-	7,7	6,7	15,17	
BRK8U8	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
BTADAX	Identifiler[sic] Direct						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

BTVRZW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
BUMF8B	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BWE2TU	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
BYL7KW	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
BZBZBQ	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
BZDQGA	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
BZV7NH	Identifiler® Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

C3FDPQ	GlobalFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
		NT	NT	18,31.2	7,7	6,7	15,17
C3H97C	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
C3VYT2	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CCLTFC	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CCMCW8	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CE92EY	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
CFM2KM	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

CGEM76	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CGZLDW	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
CHCTPK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CJMANW	Identifiler® ID+						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CKVGUB	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CM74P4	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CMHLGV	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

CQ296T	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
CQNWRD	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
CVWVP2	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
CX6X32	Identifiler® ID Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
D2FXPY	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
D2VQBL	Identifiler® Plus						
	3	NA	17,22	NA	18,18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11,11	21,22
		NA	NA	NA	7,7	6,7	15,17
D2YAGX	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

D3D8JG	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
D46YFZ	Identifiler® , Identifiler Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
D4AJJQ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
D7V37L	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
D9FCDL	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
D9ZLDU	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
DATJL2	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

DBQ2UC	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DFJNKW	PowerPlex®						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
DGT9F8	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DHMNCG	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DLPPEY	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DML78J	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
DMVMVG	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

DNE4D6	Identifiler® Plus						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
DP62D2	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DT9Z3V	PowerPlex® 16						
	3	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
	5,13	7,14	N/A	7,7	6,7	15,17	
DTPCK2	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
DUDKEF	PowerPlex® 16 HS						
	3	not tested	not tested	not tested	18	11,12	10,12
		12,14	not tested	not tested	11,12	9,12	17,18
		not tested	28,30	not tested	X,Y	11	21,22
	5,13	7,14	not tested	7	6,7	15,17	
DUJ3QF	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
DZ6MKZ	Identifiler® , ID+ , MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

DZLF6P	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
E2RNW2	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
E2UD3J	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
E3RWK9	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
ECEFTR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
EDQPVK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
EFE4D3	GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	-	-	18,31.2	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

EG9L23	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
EGP2QK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
EJDGZR	GlobalFiler™						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	
EKQJWK	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
EL3JTE	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
ELKYYN	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
EPM9CR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

EPY3WX	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
EQWYR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
ET6ZEZ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
ETXLUQ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
EXW3M8	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
F33TAP	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
F3L7PA	Identifiler® Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

F4JZGT	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
F7M8RR	Identifiler® Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
FALHMR	Identifiler® ID+, PowerPlex® Fusion, MiniFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
FBH2NT	Identifiler®						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
FBVZUG	PowerPlex® 16 Hot Start						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
FC73GF	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
FGHDX	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

FHY88Y	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
FHYEPD	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
FLG63F	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
FLVQD4	GlobalFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
FLXLVN	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
FN6B9D	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
FPEDYH	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

FPZMB8	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
FQPZTQ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
FZYXQM	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
G242GG	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
G2MTQZ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
G8TMKW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
G93YDE	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

GCP7NF	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
GF9QNX	GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	
GFM3KG	Identifiler® Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
				7	6,7	15,17	
GG3GUC	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
GG4N7W	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
GHATCD	Identifiler® Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
GJ4L6B	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

GKXCBP	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
GMP4PG	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	7,7	6,7	15,17	
GR3GGA	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
GTB449	Identifiler® Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	7	6,7	15,17	
GTVZ9G	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	7,7	6,7	15,17	
GU43AU	PowerPlex® HS, Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
GVJGJP	PowerPlex® PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

GWA9JE	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13		7,14		7,7	6,7	15,17
H3GGGH	Identifiler® Plus						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2		28,30	X,Y	11,11	21,22
				7,7	6,7	15,17	
H889UX	Identifiler® Plus, MiniFiler						
	3				18,18	11,12	10,[12]
		12,[14]			11,12	9,12	17,[18]
		15.2,16.2		28,30	X,Y	11,11	21,22
				7,7	6,7	15,17	
H972KX	GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	
HB79MM	Identifiler® Plus						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2		28,30	X,Y	11	21,22
				7	6,7	15,17	
HBTKNG	Identifiler® Plus						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2		28,30	X,Y	11	21,22
				7	6,7	15,17	
HC3Z3V	Identifiler® Plus						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2		28,30	X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

HCK9TB	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
HCZVHY	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
HDYZ2E	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
	-	-	-	7,7	6,7	15,17	
HE7F9K	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
HGXUZW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
HH726A	PowerPlex® HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
HJ4CXR	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

HQMHWK	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
HX4KT9	Identifiler® Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
HYDLXF	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
HYFFEZ	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
HZ7J4Z	COfiler® and Profiler Plus® , MiniFiler						
	3	N/A	17,22	N/A	18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11	21,22
		N/A	N/A	N/A	7	6,7	15,17
J48JQV	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
J6HTUA	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

J7CJZN	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
JDQFNV	Globalfiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
JE9AP6	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
JFGM6L	PowerPlex® 16						
	3	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
JJGTQJ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
JMG2UT	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
JMGCW6	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

JNDR8F	Identifiler® Plus, MiniFiler						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
JNFGDY	GlobalFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17
JPMJTP	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
JTLZ6J	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
JUZ6ZB	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
JZ9QRE	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
K2FAAM	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

K6FE3U	GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
K6TB7E	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
K7P2LL	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
K9X9QZ	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
KB2CRH	PowerPlex® 16 HS, PowerPlex® ESX17						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14	18,31.2	7,7	6,7	15,17	
KEKLHU	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
KELVL6	PowerPlex® 16 HS						
	3	NA	NA	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
	5,13	7,14	NA	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

KN7RDD	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
KN9K9Z	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
KQXQPQ	Profiler Plus ®						
	3				18,18	11,12	10,12
		12,14			11,12		17,18
			28,30		X,Y		21,22
						15,17	
KRQH4H	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
KWLDKV	Identifiler® , MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
KZYDJ9	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
L3QXFK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
L6TEGG	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
L7J7EK	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
L986LB	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
L9T946	PowerPlex® 16 HS						
	3	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
LA3NNC	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
LBVLVJ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
LCPYAG	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

LCQ4XK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
LD7TAQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LDJPFV	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LEXMWG	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LFR4GQ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
LHECB6	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
LJU2RJ	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

LLWEFN	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LLYUJW	PowerPlex® HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LMPX9W	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LMTG XK	PowerPlex® FUSION						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LPHPMN	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LQRVLB	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LTXU4B	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

LXTKB9	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
LZZ8X8	Identifiler® Plus, PowerPlex® HS						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
M3FUWQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
M6RRMA	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
M727L3	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
M8UWRG	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
MCPANJ	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

MEC4W2	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
MEGLVZ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
MHT4WU	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
MHTYMR	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
MJP26N	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
MNZPPX	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
MPUFTQ	Identifiler Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

MTUG4L	PowerPlex® PP21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
MWEDPQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
MXKZYP	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
MZV7RZ	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
N2YKCB	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
NAULTP	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
NAXHBT	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
NGEQJ4	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
NH7L7D	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
NJK7YM	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2 5,13	28,30 7,14	11,17	X,Y 7	11 6,7	21,22 15,17
NMKP69	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30 7,14		X,Y 7,7	11,11 6,7	21,22 15,17
NNHXDR	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
NPNKMQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
NTPYNG	PowerPlex® 16						
	3	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A 5,13	28,30 7,14	N/A N/A	X,Y 7,7	11,11 6,7	21,22 15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

NX3AP6	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
NYCE3T	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
NYXRR7	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
P243AA	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
P6J3EA	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
P84L7D	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
P9Z48E	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

PAA7WY	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13		7,14		7	6,7	15,17
PATF6K	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PAY3QM	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PB7HXU	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13		7,14		7	6,7	15,17
PBK7YK	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13		7,14		7	6,7	15,17
PC4MG9	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PCXKMU	COfiler® and Profiler Plus® , MiniFiler						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

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PDQYZR	Globalfiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
PDTTGC	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
PEMJMQ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
PEPAUA	Identifiler Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
PGPPDD	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PKBYF6	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
PLN423	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
PQD9KC	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
PQG4J6	Identifiler® Plus, MiniFiler						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
PVDMMN	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
PVUDGL	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
PXFTXN	PowerPlex® 16 and HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
PZ6QYK	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
Q2ELCJ	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
Q2THNV	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
Q3A2LU	PowerPlex® HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
Q3M4GM	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
Q3TTVE	PowerPlex® 16						
	3	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
Q443UK	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
Q4KEDP	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QAM8AK	GlobalFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

QBJ4UU	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
QBNNWJ	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
QCTMP4	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
QJG4J3	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
QKMPQF	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
QLFNYL	PowerPlex® Fusion, GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14	18,31.2	7	6,7	15,17
QLLR2D	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
QLZ3VC	Identifiler® , GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
				18,31.2	7	6,7	15,17
QMCUQE	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
QMH8CP	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QPJ9D8	Identifiler® Plus						
	3	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
		N/A	N/A	N/A	7,7	6,7	15,17
QTJTK	Profiler® Plus						
	3				18,18	11,12	10,12
		12,14			11,12		17,18
			28,30		X,Y		21,22
							15,17
QUDBWD	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QV8TGM	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
QVNL3A	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QVR7RY	PowerPlex® 16 HS						
	3	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
QVTBF3	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
QWKLV3	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
QZ3MEN	GlobalFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		-	-	18,31.2	7	6,7	15,17
QZMZZ	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
R2T8LK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

R4XBF9	Identifiler® Plus						
	3	NO PROFILE	17,22	NO PROFILE	18,18	11,12	10,12
		12,14	NO PROFILE	NO PROFILE	11,12	9,12	17,18
		15.2,16.2	28,30	NO PROFILE	X,Y	11,11	21,22
	NO PROFILE	NO PROFILE	NO PROFILE	7,7	6,7	15,17	
R6BE28	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
R7NYTG	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
R9BHUF	PowerPlex® 16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
RDMYDW	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
REGEEF	Identifiler®						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
	-	-	-	7	6,7	15,17	
RFA6KU	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

RFCUQC	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
RFR9Z8	Identifiler® Plus						
	3	NA	17,22	NA	18,18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11,11	21,22
		NA	NA	NA	7,7	6,7	15,17
RFTETF	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RG4QF7	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
RHCBWE	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RHF34F	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RK7RHN	Globalfiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
			18,31.2	7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

RLFVWC	PowerPlex® 16						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
RMAMY7	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
RMPFLE	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
RPV2CY	PowerPlex® PP16 HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
RQPRHE	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
T73HXR	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
TAJMRG	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

TALD2K	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TC6YKE	PowerPlex®Fusion, PowerPlex®ESX16						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14	not tested	7	6,7	15,17
TCAB7P	PowerPlex® HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
TCRAG2	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TEDKJT	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
TEUZAF	Identifiler® ID+						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
TN3ZY4	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

TPADKC	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
TQNNEA	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	3	14	17,22	11	18		
		12,14	11,13	17		9,12	17,18
		15.2,16.2	28,30	11,17	X,Y		21,22
			18,31.2	7		15,17	
TRH7ZJ	Identifiler® +						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
TUGHEZ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
TWBU9G	GlobalFiler						
	3	[11],14,14,[15]	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
			18,31.2	7,7	6,7	15,17	
TWRJGH	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
TWUH97	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
TZF3HF	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
TZRUDH	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
U2JCRP	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7,7	11,11 6,7	21,22 15,17
U2KGCK	Identifiler® ID Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y 7	11 6,7	21,22 15,17
U6LL7T	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
	5,13	7,14					
U7G48U	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y 7	11 6,7	21,22 15,17
	5,13	7,14					
UAV9UB	PowerPlex® 16						
	3	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y 7,7	11,11 6,7	21,22 15,17
	5,13	7,14	N/A				

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
UDTUH8	Identifiler Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
UDXCF6	Identifiler® Plus, MiniFiler						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
UHTB7F	Identifiler®						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
UKFFUY	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
UNXXNP	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
UP7HLJ	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
UVZZU	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

UYXDT9	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
UZTT67	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
V2HAMX	PowerPlex® 16 HS						
	3	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
V4M6J3	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
V6KFF6	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
VC3GLM	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
VFFNZT	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
VGA8NT	PowerPlex® 16 HS						
	3	-	-	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		-	28,30	-	X,Y	11	21,22
		5,13	7,14	-	7	6,7	15,17
VGAE4M	Identifiler® Plus						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		15.2,16.2	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
VGDW9C	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
VL42LU	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
VM2LMV	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
VQGLTF	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
VUWNN7	PowerPlex® 16						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

WCFT3	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
VVP6UT	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WUK9F	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
VZM2QU	Identifiler® Plus						
	3	-	17,22	-	18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11	21,22
		-	-	-	7	6,7	15,17
W46HLK	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
W6A9L9	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
W8JLU	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

W9EV3J	COfiler® and Profiler Plus® , MiniFiler						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
	NA	NA	NA	7	6,7	15,17	
WBMG3X	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
WCE3NG	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
WJFEKD	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
WK8H9E	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
WKPWPG	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
WMJHME	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
WRLTBY	PowerPlex® HS						
	3				18,18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11,11	21,22
		5,13	7,14		7,7	6,7	15,17
WWZUMD	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
WYANLX	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
X29LAV	Identifiler® Plus, PowerPlex® HS						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
X2NBJF	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
X2TTHE	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
X7J6J3	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

X7JVGR	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
X8GZY8	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
X9DQCU	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XAMZ37	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XCTT9K	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
XDJK8P	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XE3BFA	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

XFBFVJ	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XFQ36K	GlobalFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17
XJPTJ7	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XLJA4G	PowerPlex® Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
		5,13	7,14		7	6,7	15,17
XMRWL8	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
XU93AL	COfiler® and Profiler Plus® , MiniFiler						
	3	NA	17,22	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
		NA	NA	NA	7	6,7	15,17
XUQ9BW	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
XVJ27F	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
XWERA9	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
XY3W98	PowerPlex® 16						
	3	N/A	N/A	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		N/A	28,30	N/A	X,Y	11,11	21,22
		5,13	7,14	N/A	7,7	6,7	15,17
XY7JNZ	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
		-	-	-	7,7	6,7	15,17
Y2N6R8	Identifiler® Identifiler Plus						
	3	N/A	17,22	N/A	18,18	11,12	10,12
		12,14	N/A	N/A	11,12	9,12	17,18
		15.2,16.2	28,30	N/A	X,Y	11,11	21,22
		N/A	N/A	N/A	7,7	6,7	15,17
Y2PQAL	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
Y9PDEM	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
YANH3	Globalfiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
				18,31.2	7,7	6,7	15,17
YBCL92	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
YDL4KY	Identifiler® Identifiler Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
YEVJ4J	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
YEWDK4	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
YFRWL7	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
YHD442	Identifiler® Plus						
	3	N/T	17,22	N/T	18,18	11,12	10,12
		12,14	N/T	N/T	11,12	9,12	17,18
		15.2,16.2	28,30	N/T	X,Y	11,11	21,22
		N/T	N/T	N/T	7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

YHUXNN	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YLT9KN	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YMNUG	Identifiler® Plus, MiniFiler						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
YMNRLP	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YQ8GW9	PowerPlex® 16 HS, Fusion						
	3	14	17,22	11	18	11,12	10,12
		12,14	11,13	17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
YRXC7F	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
YYNFG	PowerPlex® Fusion, MiniFiler						
	3	14,14	17,22	11,11	18,18	11,12	10,12
		12,14	11,13	17,17	11,12	9,12	17,18
		15.2,16.2	28,30	11,17	X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 3 - STR Results

YX67FX	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
Z62X96	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
ZAHNR2	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
ZD29MB	PowerPlex® 21						
	3	14,14	17,22		18,18	11,12	10,12
		12,14		17,17	11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
	5,13	7,14		7,7	6,7	15,17	
ZDXT9P	PowerPlex® 16 HS						
	3	NA	NA	NA	18	11,12	10,12
		12,14	NA	NA	11,12	9,12	17,18
		NA	28,30	NA	X,Y	11	21,22
	5,13	7,14	NA	7	6,7	15,17	
ZHTKGL	PowerPlex® 16 HS						
	3				18	11,12	10,12
		12,14			11,12	9,12	17,18
			28,30		X,Y	11	21,22
	5,13	7,14		7	6,7	15,17	
ZM8KTZ	Identifiler® Plus						
	3	-	17,22	-	18,18	11,12	10,12
		12,14	-	-	11,12	9,12	17,18
		15.2,16.2	28,30	-	X,Y	11,11	21,22
	-	-	-	7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3 - STR Results

ZUN2JN	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17
ZWR2DU	Identifiler®						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
ZXKM9	Identifiler® Plus						
	3		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
ZXMCFN	Identifiler® Plus						
	3		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
					7,7	6,7	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 3e - STR Results

C7J99U	Identifiler® Plus						
	3e		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	
JMGCVJ	Identifiler® Plus						
	3e		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
LWH9KD	Identifiler® Plus						
	3e		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
WR7ZPB	Identifiler®						
	3e		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
XHV3DR	Identifiler®						
	3e		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
				7	6,7	15,17	
XY99UJ	Identifiler®						
	3e		17,22		18,18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11,11	21,22
				7,7	6,7	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3sp - STR Results							
C7J99U	Identifiler® Plus						
	3sp	-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
JMGCVJ	Identifiler® Plus						
	3sp		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
LWH9KD	Identifiler® Plus						
	3sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					NR	NR	NR
WR7ZPB	Identifiler®						
	3sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					NR	NR	NR
XHV3DR	Identifiler®						
	3sp		17,22		18	11,12	10,12
		12,14			11,12	9,12	17,18
		15.2,16.2	28,30		X,Y	11	21,22
					7	6,7	15,17
XY99UJ	Identifiler®						
	3sp		ND		ND	ND	ND
		ND			ND	ND	ND
		ND	ND		ND	ND	ND
					ND	ND	ND

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4 - STR Results

2LM9LE	COfiler® and Profiler Plus®						
	4	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
3QB8FZ	Identifiler® Plus						
	4		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
78QKFV	PowerPlex® 16						
	4				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
7DHUPU	Identifiler® Plus, MiniFiler						
	4		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
7GFB4A	COfiler® and Profiler Plus®						
	4	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
84N4LY	Identifiler® Identifiler Plus						
	4		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
8AUXFU	Identifiler® Plus						
	4		[17],19,22,[24]		14,[15],19	9,11,[13]	[8],9,[10],13
		10,[13],[14]			11,[14]	12,13	[13],17,20
		13	[29],30		X,Y	10,11,[12]	22,24
					[6],8,9,[9.3]	8,9	15,17,[18]

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4 - STR Results

A37ULW	Identifiler® Plus						
	4		17,19,22,24		14,15,18,19	9,11,13	8,9,10,13
		10,11,13,14,15			11,14	12,13	13,17,20
		13	29,29.2,30		X,Y	10,11,12	22,23,24
				6,8,9,9.3	8,9	15,17,18	
BNEREN	PowerPlex® HS						
	4				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
BTVRZW	Identifiler® Plus						
	4		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
D2YAGX	PowerPlex® 21						
	4	12,16,16.3,18.3	17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14		17,18,25	11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
DNE4D6	Identifiler® Plus						
	4	NA	INC	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		INC	INC	NA	INC	INC	INC
	NA	NA	NA	INC	INC	INC	
ELKYYN	Identifiler® Plus						
	4		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
FN6B9D	PowerPlex® 16						
	4				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4 - STR Results

HB79MM	Identifiler® Plus						
	4		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
HZ7J4Z	COfiler® and Profiler Plus®						
	4	N/A	N/A	N/A	INC	INC	INC
		INC	N/A	N/A	INC	INC	INC
		N/A	INC	N/A	INC	INC	INC
	N/A	N/A	N/A	INC	INC	INC	
KQXQPQ	Profiler Plus®						
	4				14,19	9,11	9,13
		10,10			11,11		17,20
			30,30		X,Y		22,24
						15,17	
PCXKMU	COfiler® and Profiler Plus®						
	4	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
	NA	NA	NA	INC	INC	INC	
QLFNYL	PowerPlex® Fusion, GlobalFiler						
	4	(12),(16),16.3,18.3	(17),19,22,(24)	(10),11,14	14,(15),19	9,11,(13)	(8),9,(10),13
		10,(13),(14)	13,(14),15	17,(18),25	11,(14)	12,13	(13),17,20
		13	(29),30	15,(16),17	X,Y	10,11,(12)	22,24
	11,(12),14	7,(16),18	14,(16),(20),21.2	(6),8,9,(9.3)	8,9	15,17,(18)	
RFA6KU	Identifiler® Plus						
	4		[17],19,22,[24]		14,[15],19	9,11,13	[8],9,[10],13
		10,[13],[14]			11,[14]	12,13	[13],17,20
		13	[29],30		X,Y	10,11,[12]	22,24
				[6],8,9,[9.3]	8,9	15,17,[18]	
TC6YKE	PowerPlex® Fusion, PowerPlex® ESX16						
	4	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	11,12,14	7,16,18	not tested	6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4 - STR Results

TQNNEA	PowerPlex® ES1-17 Fast, ESX-17 Fast						
4	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19			
	10,13,14	13,14,15	17,18,25		12,13		13,17,20
	13	29,30	15,16,17	X,Y			22,24
			14,16,20,21.2	6,8,9,9.3			15,17,18
UDXCF6	Identifiler® Plus, MiniFiler						
4		17,19,22,24		14,15,19	9,11,13		8,9,10,13
	10,13,14			11,14	12,13		13,17,19,20
	13	29,30		X,Y	10,11,12		22,24
				6,8,9,9.3	8,9		15,17,18
VUWNN7	PowerPlex® 16						
4				14,15,19	9,11,13		8,9,10,13
	10,13,14			11,14	12,13		13,17,20
		29,30		X,Y	10,11,12		22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9		15,17,18
W9EV3J	COfiler® and Profiler Plus®						
4	NA	NA	NA	INC	INC		INC
	INC	NA	NA	INC	INC		INC
	NA	INC	NA	INC	INC		INC
	NA	NA	NA	INC	INC		INC
XU93AL	COfiler® and Profiler Plus®						
4	NA	NA	NA	INC	INC		INC
	INC	NA	NA	INC	INC		INC
	NA	INC	NA	INC	INC		INC
	NA	NA	NA	INC	INC		INC

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

239WUN	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
2448VH	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
24QZA2	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,10
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
26ZKZ3	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
27XX2X	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
29W46M	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
2CFLFY	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

2KV6XD	GlobalFiler						
	4e	12,16,16.3,18.3	17,[19],[22],24	10,11,14	14,15,[19]	[9],[11],13	8,9,10,13
		10,13,14	13,14,15	[17],18,[25]	11,14	12,13	13,17,20
		13	29,30	15,16,[17]	X,[Y]	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	[15],17,18	
2NULA8	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],[12],13,14	13,14,[15]	[17],18,[25]	11,14	12,13,[14]	13,[17],20
		13	29,30	15,16	X,[Y]	10,[11],12	22,[23],24
		12,14	16,[17],18		6,[8],9.3	8,9	[15],17,18
2PLJHE	Identifiler® Plus						
	4e	NA	17,[19],[22],24	NA	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	NA	NA	11,14	12,13	13,[17],20
		13	29,30	NA	X,[Y]	10,[11],12	22,24
		NA	NA	NA	6,[8],[9],9.3	8,9	[15],17,18
2QH3JF	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	-	6,8,9,9.3	8,9	15,17,18
2RAN2Q	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14			11,14	12,13	13,20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	17,18	
2T74B3	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
2TNKHB	PowerPlex® 16, 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

2W8CVY	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,9,10,13
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
2WM3F4	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
2XGKZD	Identifiler®						
	4e		17,[19],[22],24		14,[15],[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
2Z8QG4	PowerPlex® Fusion						
	4e	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
2ZLCTQ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
32B6YT	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
38KNBL	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
			29,30		X,[Y]	10,12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

3BZNLE	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
3D7KDB	Identifiler® Plus						
	4e		17,24		14,15,[19]	[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
		13	29,30		X	10,[11],12	22,24
				6,[9],9.3	8,9	[15],17,18	
3FE6DR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
3JD8PR	PowerPlex® 16 Hot Start						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
3NM99A	Identifiler® Plus						
	4e		17,24		14,15	13	8,10
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,8,9.3	8,9	17,18	
3PJA8T	Identifiler® Plus						
	4e	N/A	17,19,22,24	N/A	14,15,19	9,11,13	8,9,10,13
		10,13,14	N/A	N/A	11,14	12,13	13,17,20
		13	29,30	N/A	X,Y	10,12	22,24
	N/A	N/A	N/A	6,8,9,9.3	8,9	15,17,18	
3PK4NE	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4e - STR Results							
3PY4TG	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
3T3VME	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
3T62BJ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
3TLMVY	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,[23],24
					6,[8],[9],9.3	8,9	[15],17,18
3TNC3H	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
3UYM7V	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
3V9RJJ	Identifiler® Plus						
	4e		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
					6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

3WXPKE	GLocalFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	
44HFWH	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
44K74Z	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,[14]	12,13	13,[17],[19],20
		13	[29],30		X,[Y]	10,[11],12	22,[23],24
				6,[8],[9],9.3	8,9	[15],17,[18]	
4A7THJ	PowerPlex® 16 HS						
	4e	-	-	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		-	29,30	-	X,Y	10,11,12	22,24
	11,12,14	7,16,18	-	6,8,9,9.3	8,9	15,17,18	
4BXN8D	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,Y	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
4EFGAM	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,[13]	[13],[17],20
		13	[29],30		X,[Y]	10,[11],[12]	22,24
				6,[8],[9],[9.3]	8,[9]	[15],17,[18]	
4FDLT2	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

4HGGC6	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	11,13	8,9,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X,Y 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18
4HJT43	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18
4NJ2JM	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
4PG42J	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
4RKANW	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18
4TY2W2	PowerPlex® 16						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	16,18		6,[8],[9],9.3	8,9	[15],17,18	
4UUKX3	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X(X),(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

4V44N4	Identifiler® Plus						
	4e		17,[19],22,24		14,15,19	9,[11],13	8,9,10,[13]
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,[11],12	22,24
				6,8,9,9.3	8,9	[15],17,18	
4V7G38	PowerPlex® Fusion						
	4e	12,16,16.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
		11,12,14	16,18		6,8,9,9.3	8,9	15,17,18
4XP9YM	PowerPlex® 16 Hot Start						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
63G3PF	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	16,18		6,8,9,9.3	8,9	15,17,18
64E99V	Identifiler® Plus						
	4e	Not tested	17,19,22,24	Not tested	14,15,19	9,11,13	8,9,10,13
		10,13,14	Not tested	Not tested	11,14	12,13	13,17,20
		13	29,30	Not tested	X,Y	10,11,12	22,24
		Not tested	Not tested	Not tested	6,8,9,9.3	8,9	15,17,18
64YG94	PowerPlex® 21						
	4e	12,16,16.3,18.3	17,19,22,24		14,15,19	9,11,13	8,10
		10,13,14		18,25	11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	17,18
66MKMC	PowerPlex® PP16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

66UZA6	PowerPlex® 21						
	4e	[12],[16],16.3,18.3	[17],19,22,[24]		14,[15],19	9,11,13	8,9,10,13
		10,10,[13],[14]		17,18,25	11,11,[14]	12,13	[13],17,20
		13,13	[29],30,30		X,Y	10,11,[12]	22,24
		11,[12],14	7,[16],18		6,8,9,9.3	8,9	15,17,18
67H7G3	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
67LQ7Q	Identifiler® Identifiler Plus, MiniFiler						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
68B4NA	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
6BWL8U	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,12,14	12,13	13,17,20
		13	29,30		X	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
6CNAD9	Identifiler® Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
6F9RM2	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

6LEKGW	Identifiler® Plus						
	4e		17,[22],24		14,15,[19]	[9],[11],13	8,10
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,12	22,24
				6,[8],[9],9.3	8,9	17,18	
6M7Q7F	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
6NKTZN	Identifiler® Plus, PowerPlex® 16 HS						
	4e		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
6Q6WCT	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
6UQGJH	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
6WTPWL	PowerPlex® 16 HS						
	4e				14,15,19	11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
77FVZQ	Identifiler® Plus						
	4e	n/a	17,19,22,24	n/a	14,15,19	9,11,13	8,9,10,13
		10,13,14	n/a	n/a	11,14	12,13	13,17,20
		13	29,30	n/a	X,Y	10,12	22,24
		n/a	n/a	n/a	6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

77VPLD	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		12,14	16,18		6,8,9,9.3	8,9	15,17,18
77XRKD	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
7C4KGU	Identifiler® Plus						
	4e		17,[19],[22 ^],24		14,15,[19]	[9],[11],13	8,[9 ^],10
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y ^]	10,[11 ^],12	22,24
				8,9	8,9	15,17,18	
7GUVQR	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,20
		13	29,30		X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,19	
7J68J8	Identifiler® , Identifiler Plus, MiniFiler						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
7KFEXG	Identifiler® Plus						
	4e		17,[19],24		14,15,[19]	[9],[11],13	8,10
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
7KVBAU	Identifiler® Plus						
	4e	N/A	17,[19],[22],24	N/A	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14	N/A	N/A	11,14	12,13	13,[17],20
		13,13	29,30	N/A	X,X,[Y]	10,[11],12	22,24
	N/A	N/A	N/A	6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

7NVJE4	Identifiler® Plus						
	4e		17,19,24		14,15,19	9,11,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
7NXAKM	PowerPlex® HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
7PPWQH	PowerPlex® 16						
	4e				14,15,[19]	[11],13	8,[9],10
		[10],13,14			11,[13],14	12,13	13,20
			29,30		X,[Y]	10,[11],12	22,[23],24
		[11],12,14	16,18		6,[8],[9],9.3	8,9	[15],17,18
7QL9RC	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
7QNXYV	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
7UJRWV	ESIPRO 17; ESX 17						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]		
		[10],13,14	13,14,[15]	[17],18,[25]		12,13	13,[17],20
		13	29,30	15,16,[17]	X,X+[X],[Y]		22,24
			[14],16,20,[21.2]	6,[8],[9],9.3		[15],17,18	
7ULWFR	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

7UNAUV	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15	[9],[11],13	8,[9],10
		[10],13,14	13,14,[15]	18	11,14	12,13	13,[17],20
		13	29,30	15,16	X	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],9.3	8,9	[15],17,18
7YENDB	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
83THT8	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
848FBC	Globalfiler						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,18,[25]	11,14	12,13	13,[17],20
		13,13	29,30	15,16,[17]	X,X,[X],[Y]	10,[11],12	22,24
			[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18	
87TUML	Identifiler®						
	4e		17,19,22,24		14,15	9,13	8,9,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,11,12	22,24
				6,9.3	8,9	17,18	
8CH66X	PowerPlex® 16 HS						
	4e				14,[15],[19]	[9],11,13	8,9,10,13
		10,[13],[14]			11,[14]	12,13	13,[17],20
			[29],30		X,Y	10,[11],[12]	22,24
	[11],12,14	7,[16],18		6,[8],[9],9.3	8,9	[15],17,[18]	
8CW7UX	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

8EJERK	Identifiler®						
	4e		17,24		14,15	13	8,9,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,11,12	22,24
				6,9.3	8,9	17,18	
8FZ2DZ	Identifiler®						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	6,8,9,9.3	8,9	15,17,18	
8GQRFD	Identifiler® Plus						
	4e		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
8GRHMW	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],[13],14			11,[14]	12,13	13,[17],20
		13	[29],30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
8KP4CD	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
8NTAXR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
8P3G36	Identifiler®						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13	29,30		X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4e - STR Results

8RD4YY	Identifiler® Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
8UER92	PowerPlex® Fusion						
	4e	12,16	17,[19],[22],24	10,11,[14]	14,15	[9],[11],13	8,10
		[10],13,14	13,14	18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
		12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
8WR6CC	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
8XED7Q	Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
8XZL2V	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
8YRDFM	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,[11],12	22,[23],24
				6,[8],[9],9.3	8,9	[15],17,18	
8YU3M6	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

92VXR7	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
94ZPHY	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
96UBDB	Globalfiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	
979D7J	Identifiler®						
	4e		17,19,22,24		14,15	9,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X	10,11,12	22,24
				6,8,9,9.3	8,9	17,18	
97MYFL	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
9CF92X	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
9DQBNW	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

9EXTLT	Identifiler® Plus						
	4e		17,24		14,15	13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,[9],9.3	8,9	17,18	
9EZJTB	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
9G94RR	Identifiler® Plus						
	4e		17,[19^],[22^],24		14,15,[19]	[9],[11],13	8,[9^],10,[13^]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11^],12	22,24
				6,[8],[9],9.3	8,9	[15^],17,18	
9P4BKQ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
9QWUEJ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
9R7YR8	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
9UWFBA	Identifiler® Plus						
	4e		17,19,[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

9V97MY	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
9Y8GHY	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
9YP3YB	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
9YTYGE	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
9Z4ZKZ	ESX 16 fast, Promega						
	4e	12,16	17,24	10,11	14,15		
		13,14	13,14	18		12,13	13,20
		13	29,30	15,16	X		22,24
				6,9.3		17,18	
9ZN9HP	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
A3KTPY	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

ABDNHB	PowerPlex® PP16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
ACCU2P	Identifiler® Plus						
	4e	not tested	17,[19],[22],24	not tested	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	not tested	not tested	11,14	12,13	13,[17],20
		13,13	29,30	not tested	X,[Y]	10,[11],12	22,24
	not tested	not tested	not tested	6,[8],[9],9.3	8,9	[15],17,18	
ADNBE4	PowerPlex® 16, HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
AMWB26	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
APWA6P	Identifiler® Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
APX7BE	Identifiler® Plus						
	4e		17,[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
AQULMB	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

AR4EWR	Identifiler® Identifiler Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	-	6,8,9,9.3	8,9	15,17,18
AUVXT6	PowerPlex® 16						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
AV2U9L	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10
		[10],13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,[11],12	22,24
					6,[9],9.3	8,9	[15],17,18
AV4A9K	Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
AZGVGR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
AZHDCP	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
B7GU6M	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

B8CFXD	PowerPlex® 16 HS						
	4e	-	-	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		-	29,30	-	X,Y	10,11,12	22,24
	11,12,14	7,16,18	-	6,8,9,9.3	8,9	15,17,18	
BC7YVP	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
BEGLQH	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
BG2TTQ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
BGF3XK	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
BKHZ9D	PowerPlex® 16						
	4e				[14],[15]	13	8,[9],10
		[10],[13],[14]			11,14	12,13	[13],20
			29,30		X,[Y]	[10],[12]	[22],24
	[11],12,14	[7],16,18		6,[8],[9],[9.3]	8,9	[15],17,[18]	
BQNNR7	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

BR4NCV	Identifiler® Plus						
	4e		[17],[19],[22],24		14,[15],[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,[13],[14]	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
BREV9W	PowerPlex® HS, Fusion						
	4e	*,12,16,16.3	*,17,19,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	18,25	11,14	12,13	13,17,20
		13	29,30	15,16	X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
BRHDCM	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	-	6,8,9,9.3	8,9	15,17,18
BRK8U8	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
BTADAX	Identifiler[sic] Direct						
	4e		17,[19],[22],24		14,15,[18],[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
BUMF8B	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
BWE2TU	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
					6,(8),(9),9.3	8,9	(15),17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4e - STR Results

BYL7KW	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
BZDQGA	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		12,14	16,18		6,8,9,9.3	8,9	15,17,18
BZV7NH	Identifiler® Plus, MiniFiler						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
C3FDPQ	GlobalFiler						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,18,[25]	11,14	12,13	13,[17],20
		13,13	29,30	15,16,[17]	X,X,[Y]	10,[11],12	22,24
	NT	NT	[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18	
C3H97C	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
C3VYT2	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
C7J99U	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

CCLTFC	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
CCMCW8	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
CE92EY	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
CFM2KM	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
CGEM76	PowerPlex® HS16						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
CGZLDW	PowerPlex® 21						
	4e	12,16,16.3,18.3	17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14		17,18,25	11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
CHCTPK	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

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CJMANW	Identifiler® ID+						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
CKVGUB	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
CM74P4	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
CMHLGV	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
CQ296T	Identifiler® Plus						
	4e		17,19,22,24		14,15,18,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
CQNWRD	PowerPlex® 16						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
CWVPV2	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

CX6X32	Identifiler® ID Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
D2FXPY	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
D2VQBL	Identifiler® Plus						
	4e	NA	17,[19],[22],24	NA	14,15,[19]	[9],[11],13,13	8,10,[13]
		[10],13,14	NA	NA	11,14	12,13	13,[17],20
		13,13	29,30	NA	X,X	10,[11],12	22,24
	NA	NA	NA	6,[8],9.3	8,9	[15],17,18	
D3D8JG	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,[13],14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,[23],24
				6,[8],[9],9.3	8,9	[15],17,18	
D46YFZ	Identifiler® , Identifiler Plus, MiniFiler						
	4e		17,19,22,24		14,15,19	11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
D4AJJQ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
D7V37L	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13,[13],[13]	29,30		X,X,[X],[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

D9FCDL	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
D9ZLDU	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
DATJL2	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
DBQ2UC	Identifiler® Plus						
	4e		17,22,24		14,15,19	9,11,13	8,10
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,11,12	22,24
				6,9,9.3	8,9	15,17,18	
DFJNKW	PowerPlex®						
	4e	12,16,16.3,18.3	17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14		17,18,25	11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
DGT9F8	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
DHMNCG	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

DLPPEY	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
DML78J	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
DMVMVG	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
DP62D2	Identifiler® Plus						
	4e		17,24		14,15,19	13	8
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
DT9Z3V	PowerPlex® 16						
	4e	N/A	N/A	N/A	14,15,19	9,11,13	8,9,10,13
		10,[13],[14]	N/A	N/A	11,[14]	12,13	13,17,20
		N/A	[29],30	N/A	X,[Y]	10,11,12	22,24
	[11],[12],14	7,16,18	N/A	6,8,9,9.3	8,9	15,17,18	
DTPCK2	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,[14]	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
DUDKEF	PowerPlex® 16 HS						
	4e	not tested	not tested	not tested	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	not tested	not tested	11,14	12,13	13,[17],20
		not tested	29,30	not tested	X,[Y]	10,11,12	22,24
	[11],12,14	7,16,18	not tested	6,[8],[9],9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

DUJ3QF	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
DZ6MKZ	Identifiler® , ID+ , MiniFiler						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
DZLF6P	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
E2RNW2	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
E2UD3J	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
E3RWK9	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
ECEFTR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4e - STR Results

EDQPVK	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
EFE4D3	4e	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		-	-	16,20	6,9.3	8,9	17,18
EG9L23	Identifiler® Plus						
	4e		17,19,22,24		14,15,[19]	[9],11,13	8,9,10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,[11],12	22,24
				6,8,[9],9.3	8,9	[15],17,18	
EGP2QK	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
EJDGZR	GlobalFiler™						
	4e	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
			16,20	6,9.3	8,9	17,18	
EKQJWK	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[9],9.3	8,9	[15],17,18	
EL3JTE	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

EPM9CR	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
EPY3WX	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
EQWYR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
ET6ZEZ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
ETXLUQ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
EXW3M8	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
F33TAP	Identifiler® Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

F3L7PA	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	-	6,8,9,9.3	8,9	15,17,18
F4JZGT	PowerPlex® 21						
	4e	12,16,16.3,18.3	17,19,22,24		14,15,19	9,11,13	8,10,13
		10,13,14		18,25	11,14	12,13	13,17,20
		13	29,30		X,X	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
F7M8RR	Identifiler® Plus, MiniFiler						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
FALHMR	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	4e		*,17,22,24		*,14,15	13	*,8,10
		10,13,14			11,14	12,13	*,13,20
		13	29,30		X	*,10,12	22,24
					6,8,9,9.3	8,9	15,17,18
FBH2NT	Identifiler®						
	4e	-	17,[19],[22],24	-	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	-	-	11,14	12,13	13,[17],20
		13	29,30	-	X,[Y]	10,[11],12	22,24
		-	-	-	6,[8],[9],9.3	8,9	[15],17,18
FBVZUG	PowerPlex® 16 Hot Start						
	4e				14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
FC73GF	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

FGHDX	Identifiler®						
	4e		17,19,24		14,15	9,13	8,9,10,13
		10,13,14			11,14,15	12,13	13,19,20
		13	29,30		X,Y	10,12	22,24
				6,8,9.3	8,9	17,18	
FHY88Y	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
FHYEPD	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
FLG63F	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
FLVQD4	GlobalFiler						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,[23],24
			[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18	
FLXLVN	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
FPEDYH	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

FPZMB8	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
FQPZTQ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
FZYXQM	Identifiler® Plus						
	4e		17,24		14,15	11,13	8,10
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,9.3	8,9	17,18	
G242GG	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
G2MTQZ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
G8TMKW	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,[11],12	22,24
				6,[8],9,9.3	8,9	[15],17,18	
G93YDE	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4e - STR Results

GCP7NF	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
GF9QNX	GlobalFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,[19]	[9],[11],13	8,9,10,13
		10,13,14	13,14,[15]	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,[17]	X,[Y]	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	
GFM3KG	Identifiler® Plus						
	4e	-	17,24	-	14,15	13	8,10
		13,14	-	-	11,14	12,13	13,20
		13	29,30	-	X,X	10,12	22,24
				6,9.3	8,9	17,18	
GG3GUC	Identifiler® Plus						
	4e		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	
GG4N7W	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	[9],11,13	8,[9],10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
GHATCD	Identifiler® Plus, MiniFiler						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
GJ4L6B	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

GKXCBP	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
GMP4PG	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	6,8,9,9.3	8,9	15,17,18	
GR3GGA	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
GTB449	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	6,8,9,9.3	8,9	15,17,18	
GTVZ9G	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	6,8,9,9.3	8,9	15,17,18	
GU43AU	PowerPlex® HS, Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16	X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
GVJGJP	PowerPlex® PowerPlex® Fusion						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

GWA9JE	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
H3GGGH	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X,Y	10,12	22,24
				6,8,9,9.3	8,9	15,17,18	
H889UX	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,[14]	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
H972KX	GlobalFiler						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	13,14,[15]	18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
			[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18	
HBTKNG	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
HC3Z3V	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
HCK9TB	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

HCZVHY	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
HDYZ2E	Identifiler® Plus						
	4e	-	17,[19],[22],24	-	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	-	-	11,14	12,13	13,[17],20
		13,13	29,30	-	X,[Y]	10,[11],12	22,24
		-	-	6,[8],[9],9.3	8,9	[15],17,18	
HE7F9K	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
HGXUZW	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,19,20
		13	29,30		X,Y	10,11,12	22,23,24
				6,8,9,9.3	8,9	15,17,18	
HH726A	PowerPlex® HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
HJ4CXR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
HQMHWK	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
		-	-	6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

HX4KT9	Identifiler® Plus						
	4e	-	17,[19],[22],24	-	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	-	-	11,14	12,13	13,[17],20
		13	29,30	-	X,[Y]	10,[11],12	22,24
		-	-	-	6,[8],[9],9.3	8,9	[15],17,18
HYDLXF	Identifiler® Plus						
	4e		17,[22],24		14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
HYFFEZ	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,10,13
		10,13,14			11,14	12,13	13,20
			29,30		X,Y	10,11,12	22,24
		12,14	7,16,18		6,8,9,9.3	8,9	17,18
J48JQV	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	[15],17,18
J6HTUA	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
J7CJZN	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
JDQFNV	Globalfiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	[9],[11],13	8,9,10,13
		10,13,14	13,14,15	[17],18,[25]	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,[Y]	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

JE9AP6	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
JFGM6L	PowerPlex® 16						
	4e	N/A	N/A	N/A	14,15,[19]□	[9],[11],13	8,[9],10,[13]
		10,13,14	N/A	N/A	11,[14]	12,13	13,[17],20
		N/A	29,30	N/A	X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18	N/A	6,[8],[9],9.3	8,9	[15],17,18	
JJGTQJ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
JMG2UT	PowerPlex® Fusion						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14	18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
JMGCVJ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
JMGCW6	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
JNDR8F	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

JNFGDY	GlobalFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	
JPMJTP	PowerPlex® Fusion						
	4e	12,[15],16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15	[11],13	8,[9],10
		[10],13,14	13,14	18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
		12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
JTLZ6J	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
JUZ6ZB	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,[23],24
				6,[8],[9],9.3	8,9	[15],17,18	
JZ9QRE	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
K2FAAM	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
K6FE3U	GlobalFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,[Y]	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

K6TB7E	Identifiler® Plus						
	4e		17,[19],[22^],24		14,15,[19]	[9^],[11^],13	8,[9^],10,[13^]
		[10],13,14			11,14	12,13	13,[17^],20
		13	29,30		X,[Y^]	10,[11^],12	22,24
					6,[8^],[9^],9.3	8,9	[15^],17,18
K7P2LL	Identifiler® Plus						
	4e		17,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
K9X9QZ	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
KB2CRH	PowerPlex® 16 HS, PowerPlex® ESX17						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13,13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18	[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18
KEKLHU	Identifiler® Identifiler Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
KELVL6	PowerPlex® 16 HS						
	4e	NA	NA	NA	14,15,19	9,11,13	8,9,10,13
		10,13,14	NA	NA	11,14	12,13	13,17,20
		NA	29,30	NA	X,Y	10,11,12	22,24
		11,12,14	7,16,18	NA	6,8,9,9.3	8,9	15,17,18
KN7RDD	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4e - STR Results							
KN9K9Z	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
KRQH4H	Identifiler® Plus						
	4e		17,19,22,24		14,15,[18],19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
KWLDKV	Identifiler® , MiniFiler						
	4e		17,19,22,24		14,15,[19]	[9],[11],13	8,9,10,[13]
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
KZYDJ9	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
L3QXFK	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
L6TEGG	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[(17)],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
L7J7EK	Identifiler® Plus						
	4e		17,19,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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L986LB	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
L9T946	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
LA3NNC	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
LBVLVJ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
LCPYAG	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
LCQ4XK	Identifiler® Plus						
	4e		17,24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
LD7TAQ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

LDJPFV	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	[15],17,18	
LEXMWG	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
LFR4GQ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
LHECB6	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
LJU2RJ	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,[14]	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
LLWEFN	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
LLYUJW	PowerPlex® HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,23,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

LMPX9W	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
LMTGXK	PowerPlex® FUSION						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
LPHPMN	PowerPlex® Fusion						
	4e	12,16	17,[19],[22],24	10,11	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14	18	11,14	12,13	13,[17],20
		13	29,30	15,16	X,[Y]	10,12	22,24
		12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
LQRVLB	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
LTXU4B	PowerPlex® 16						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],[12],14	7,16,18		6,[8],[9],9.3	8,9	[15],17,18
LWH9KD	Identifiler® Plus						
	4e		17,19,22 [^] ,24		14,15,[19]	[9 [^]],[11],13	8,9,10,13 [^]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y [^]]	10,11,12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
LXTKB9	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

LZZ8X8	Identifiler® Plus, PowerPlex® HS						
	4e	13,14 13 12,14	17,24 29,30 16,18		14,15 11,14 X 6,9.3	13 12,13 10,12 8,9	8,10 13,20 22,24 17,18
M3FUWQ	Identifiler® Plus						
	4e	10,13,14 13	17,19,22,24 29,30		14,15,19 11,14 X,Y 6,8,9,9.3	9,11,13 12,13 10,11,12 8,9	8,9,10,13 13,17,20 22,24 15,17,18
M6RRMA	Identifiler® Plus						
	4e	- [10],13,14 13 -	17,[19],[22],24 - 29,30 -	- - - -	14,15,[19] 11,14 X,[Y] 6,[8],[9],9.3	[9],[11],13 12,13 10,[11],12 8,9	8,10,[13] 13,[17],20 22,24 [15],17,18
M727L3	Identifiler® Plus						
	4e	[10],13,14 13	17,[19],[22],24 29,30		14,15,[19] 11,14 X,[Y] 6,[8],[9],9.3	[9],[11],13 12,13 10,[11],12 8,9	8,[9],10,[13] 13,[17],20 22,24 [15],17,18
M8UWRG	Identifiler® Plus						
	4e	10,13,14 13	17,19,22,24 29,30		14,15,19 11,14 X,Y 6,8,9,9.3	9,11,13 12,13 10,11,12 8,9	8,10,13 13,17,20 22,24 15,17,18
MCPANJ	PowerPlex® 16						
	4e	10,13,14 11,12,14	29,30 7,16,18		14,15,19 11,14 X,Y 6,8,9,9.3	9,11,13 12,13 10,11,12 8,9	8,9,10,13 13,17,20 22,24 15,17,18
MEC4W2	Identifiler® Plus						
	4e	10,13,14 13,13	17,19,22,24 29,30		14,15,19 11,14 X,Y 6,8,9,9.3	9,11,13 12,13 10,11,12 8,9	8,9,10,13 13,17,20 22,24 15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

MEGLVZ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
MHT4WU	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
MHTYMR	PowerPlex® 16						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
MJP26N	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
	12,14	16,18		6,[8],[9],9.3	8,9	[15],17,18	
MNZPPX	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
MPUFTQ	Identifiler Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
MTUG4L	PowerPlex® PP21						
	4e	12,16	17,19,22,24		14,15	11,13	8,9,10
		10,13,14		18,18	11,14	12,13	13,20
		13,13	29,30		X,Y	10,11,12	22,23,24
	11,12,14	16,18		6,8,9,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

MWEDPQ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
MXKZYP	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
MZV7RZ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
N2YKCB	Identifiler® Plus						
	4e		17,[19^],[22^],24		14,15,[19^]	[9^],[11^],13	8,[9^],10,[13^]
		[10],13,14			11,14	12,13	13,[17^],20
		13	29,30		X,[Y^]	10,[11],12	22,24
				6,[8^],[9],9.3	8,9	[15^],17,18	
NAULTP	PowerPlex® Fusion						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
NAXHBT	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	9,11,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
NGEQJ4	Identifiler®						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13	29,30		X,Y	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

NH7L7D	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,(Y)	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
NJK7YM	PowerPlex® Fusion						
	4e	12,16,18.3	17,19,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14	18	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
		11,12,14	16,18		6,8,9,9.3	8,9	15,17,18
NMKP69	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
NNHXDR	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
NPNKMQ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
NTPYNG	PowerPlex® 16						
	4e	N/A	N/A	N/A	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	N/A	N/A	11,14	12,13	13,[17],20
		N/A	29,30	N/A	X,[Y]	10,11,12	22,24
		[11],12,14	7,16,18	N/A	6,8,9,9.3	8,9	[15],17,18
NX3AP6	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

NYCE3T	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
NYXRR7	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[X],[Y]	10,12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
P243AA	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
P6J3EA	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
P84L7D	Identifiler® , MiniFiler						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
P9Z48E	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,12	22,24
				6,8,9,9.3	8,9	15,17,18	
PAA7WY	PowerPlex® 16						
	4e				14,15	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
			29,30		X,[Y]	10,12	22,[23],24
	[11],12,14	16,18		6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

PATF6K	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
PAY3QM	Identifiler® Identifiler Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
PB7HXU	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
PBK7YK	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,[23],24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
PC4MG9	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
PDQYZR	Globalfiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	
PDTTGC	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

PEMJMQ	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
PEPAUA	Identifiler Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
PGPPDD	Identifiler® Plus						
	4e		17,24		14,15,19	11,13	8,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X,X	10,11,12	22,24
				6,8,9,9.3	8,9	17,18	
PKBYF6	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9,11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
PLN423	Identifiler®						
	4e		17,[22],24		14,15,[19]	13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
		13	29,30		X	10,[11],12	22,24
				6,[8],[9],9.3	8,9	17,18	
PQD9KC	Identifiler® Plus						
	4e		17,[19],[22],24		14,15	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[X],[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
PQG4J6	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

PVDMMN	PowerPlex® Fusion						
	4e	12,16	17,19,24	10,11,14	14,15	13	8,9,10,13
		10,13,14	13,14,15	18	11,14	12,13	13,17,20
		13	29,30	15,16	X,Y	10,11,12	22,24
	11,12,14	16,18		6,8,9,9.3	8,9	15,17,18	
PVUDGL	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
PXFTXN	PowerPlex® 16 and HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
PZ6QYK	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
Q2ELCJ	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11	14,15,[19]	[9],[11],[12],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,17	X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
Q2THNV	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
Q3A2LU	PowerPlex® HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

Q3M4GM	PowerPlex® 16						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
Q3TTVE	PowerPlex® 16						
	4e	N/A	N/A	N/A	14,15,[19]	[9],[11],13	8,9,10,13
		10,13,14	N/A	N/A	11,14	12,13	13,[17],20
		N/A	29,30	N/A	X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18	N/A	6,[8],[9],9.3	8,9	[15],17,18
Q443UK	Identifiler® Plus						
	4e		17,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
Q4KEDP	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,[14]	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
QAM8AK	GlobalFiler						
	4e	12,16,(16.3),(18.3)	17,(19),(22),24	10,11,(14)	14,15	13,13	8,(9),10,(13)
		(10),13,14	13,14,(15)	18,18	11,14	12,13	13,(17),20
		13,13	29,30	15,16,(17)	X,(Y)	10,(11),12	22,24
			(14),16,20,(21.2)	6,(8),9.3	8,9	(15),17,18	
QBJ4UU	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
QBNNWJ	PowerPlex® Fusion						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24,[25]
		12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

QCTMP4	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,X	10,11,12	22,24
				6,8,9,9.3	8,9	17,18	
QJG4J3	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
QKMPQF	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
QLLR2D	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
		[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18
QLZ3VC	Identifiler® , GlobalFiler						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	13,14,[15]	[17],18,[25]	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,[Y]	10,[11],12	22,24
			[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18	
QMCUQE	PowerPlex® Fusion						
	4e	12,16	17,24	10,11	14,15	13	8,10
		13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
QMH8CP	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

QPJ9D8	Identifiler® Plus						
	4e	N/A	17,[19],[22],24	N/A	14,15,[19]	[9],[11],13	8,10,[13]
		[10],13,14	N/A	N/A	11,14	12,13	13,[17],20
		13	29,30	N/A	X,[Y]	10,[11],12	22,24
		N/A	N/A	N/A	6,[8],[9],9.3	8,9	[15],17,18
QTJTKK	Profiler® Plus						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14		13,17,20
			29,30		X,Y		22,24
							15,17,18
QUDBWD	Identifiler® Plus						
	4e		17,24		14,15	13	8,9,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
				6,8,9,9.3	8,9	15,17,18	
QV8TGM	PowerPlex® Fusion						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	18	11,14	12,13	13,17,20
		13	29,30	15,16,17	X	10,11,12	22,23,24
				6,8,9,9.3	8,9	15,17,18	
QVNL3A	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
QVR7RY	PowerPlex® 16 HS						
	4e	-	-	-	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	-	-	11,14	12,13	13,[17],20
		-	29,30	-	X,Y	10,[11],12	22,24
	[11],12,14	[7],16,18	-	6,[8],[9],9.3	8,9	[15],17,18	
QVTBF3	Identifiler®						
	4e		17,[19],[22],24		14,15	13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,20
		13	29,30		X	10,[11],12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4e - STR Results

QWKLV3	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
QZ3MEN	GlobalFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,[13],[14]	13,14,15	17,18,25	11,[14]	12,13	13,17,20
		13	[29],30	15,16,17	X,[Y]	10,11,12	22,24
		-	-	14,16,20,21.2	6,8,9,9.3	8,9	15,17,18
QZMZPZ	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,10,13
		10,13,14			11,14	12,13	13,20
			29,30		X,Y	10,12	22,24
		12,14	16,18		6,8,9,9.3	8,9	15,17,18
R2T8LK	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
R4XBF9	Identifiler® Plus						
	4e	NO PROFILE	17,[19],[22],24	NO PROFILE	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14	NO PROFILE	NO PROFILE	11,14	12,13	13,[17],20
		13,13	29,30	NO PROFILE	X,X,[Y]	10,[11],12	22,24
		NO PROFILE	NO PROFILE	NO PROFILE	6,[8],[9],9.3	8,9	[15],17,18
R6BE28	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
R7NYTG	PowerPlex® Fusion						
	4e	12,16	17,24	10,11	14,15	13	8,10
		10,13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16	X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

R9BHUF	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
RDMYDW	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
REGEEF	Identifiler®						
	4e	-	17,[22],24	-	14,15	[9],[11],13	8,[9],10,[13]
		[10],13,14	-	-	11,14	12,13	13,[17],20
		13	29,30	-	X,[Y]	10,[11],12	22,24
	-	-	-	6,[8],[9],9.3	8,9	17,18	
RFCUQC	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
RFR9Z8	Identifiler® Plus						
	4e	NA	17,[19],[22],24	NA	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14	NA	NA	11,14	12,13	13,[17],20
		13,13	29,30	NA	X,X,[Y]	10,[11],12	22,24
	NA	NA	NA	6,[8],[9],9.3	8,9	[15],17,18	
RFTETF	Identifiler® Plus						
	4e		17,19,22,23,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
RG4QF7	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

RHCBWE	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
RHF34F	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
RK7RHN	Globalfiler						
	4e	12,16,(16.3),(18.3)	17,(19),(22),24	10,11,(14)	14,15,(19)	(9),(11),13	8,(9),10,(13)
		10,13,14	13,14,(15)	18	11,14	12,13	13,(17),20
		13	29,30	15,16,(17)	X,(Y)	10,(11),12	22,24
				(14),16,20,(21.2)	6,(8),(9),9.3	8,9	(15),17,18
RLFWVC	PowerPlex® PP16						
	4e				14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
			29,30		X,(Y)	10,(11),12	22,24
		(11),12,14	(7),16,18		6,(8),(9),9.3	8,9	(15),17,18
RMAMY7	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	17,18
RMPFLE	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
RPV2CY	PowerPlex® PP16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

RQPRHE	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X 6,8,9,9.3	10,11,12 8,9	22,24 17,18
T73HXR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18
TAJMRG	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y] 6,[8],[9],9.3	10,[11],12 8,9	22,24 [15],17,18
TALD2K	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y] 6,[8],[9],9.3	10,[11],12 8,9	22,24 [15],17,18
TCAB7P	PowerPlex® HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18
TCRAG2	Identifiler®						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18
TEDKJT	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y 6,8,9,9.3	10,11,12 8,9	22,24 15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

TEUZAF	Identifiler® ID+						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
TN3ZY4	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
TPADKC	Identifiler®						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		10,13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
TRH7ZJ	Identifiler® +						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
TUGHEZ	Identifiler® Plus						
	4e		17,19,22,24		14,15,18,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
TWBU9G	GlobalFiler						
	4e	12,16,[16.3],[18,3]	17,[19],[22],24	10,11,[14]	14,15,[19]	[9],[11],13,13	8,10,[13]
		[10],13,14	13,14,[15]	18,18,[25]	11,14	12,13	13,[17],20
		13,13	29,30	15,16,[17]	X,X,[Y]	10,[11],12	22,24
			[14],16,20,[21.2]	6,[8],[9],9.3	8,9	[15],17,18	
TWRJGH	PowerPlex® Fusion						
	4e	12,16,16.3	17,19,22,24	10,11,14	14,15	13	8,9,10,13
		10,13,14	13,14,15	18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

TWUH97	Identifiler® Plus						
	4e		17,24		14,15,[19]	[9],[11],13	8,10
		[10],13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,[8],9.3	8,9	17,18	
TZF3HF	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
TZRUDH	Identifiler®						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13	29,30		X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
U2JCRP	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
U2KGCK	Identifiler® ID Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
U6LL7T	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
U7G48U	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

UAV9UB	PowerPlex® 16						
	4e	N/A	N/A	N/A	14,15,19	9,11,13	8,9,10,13
		10,[13],[14]□	N/A	N/A	11,[14]	12,13	[13],17,20□
		N/A	[29],30	N/A	X,Y	10,11,[12]	22,24
	11,[12],14	7,[16],18□	N/A	6,8,9,9.3	8,9	15,17,18	
UDTUH8	Identifiler Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
	-	-	-	6,8,9,9.3	8,9	15,17,18	
UHTB7F	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
UKFFUY	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
UNXXNP	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
UP7HLJ	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
UWZZU	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

UYXDT9	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
UZTT67	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
V2HAMX	PowerPlex® 16 HS						
	4e	-	-	-	14,15	[9],[11],13	8,[9],10,[13]
		10,13,14	-	-	11,14	12,13	13,[17],20
		-	29,30	-	X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18	-	6,[8],[9],9.3	8,9	[15],17,18	
V4M6J3	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
V6KFF6	Identifiler® Plus						
	4e		17,[19^],[22^],24		14,15,19	[9],[11^],13	8,[9^],10,[13^]
		10,13,14			11,14	12,13	13,[17^],20
		13	29,30		X,[Y^]	10,[11],12	22,24
				6,[8],[9^],9.3	8,9	[15^],17,18	
VC3GLM	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
VFFNZT	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

VGA8NT	PowerPlex® 16 HS						
	4e	-	-	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		-	29,30	-	X,Y	10,11,12	22,24
		11,12,14	7,16,18	-	6,8,9,9.3	8,9	15,17,18
VGAE4M	Identifiler® Plus						
	4e	NA	17,[19],[22],24	NA	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	NA	NA	11,14	12,13	13,[17],20
		13	29,30	NA	X,[Y]	10,[11],12	22,24
		NA	NA	NA	6,[8],[9],9.3	8,9	[15],17,18
VGDW9C	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
VL42LU	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
VM2LMV	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
VQGLTF	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
WCFT3	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10
		10,13,14			11,14	12,13	13,20
		13	29,30		X	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

VVP6UT	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
WVUK9F	PowerPlex® 21						
	4e	12,16,[16.3],[18.3]	17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14		[17],18,18,[25]	11,14	12,13	13,[17],20
		13,13	29,30		X,X,[X],[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
VZM2QU	Identifiler® Plus						
	4e	-	17,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
	-	-	-	6,8,9,9.3	8,9	15,17,18	
W46HLK	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13	29,30		X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
W6A9L9	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	13	8,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,12	22,24
				6,8,9,9.3	8,9	17,18	
W8JLJU	PowerPlex® 16 HS						
	4e				14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	
WBMG3X	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

WCE3NG	PowerPlex® Fusion						
	4e	12,16	17,22,24	10,11	14,15	11,13	8,9,10
		10,13,14	13,14	18	11,14	12,13	13,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	12,14	16,18		6,9,9.3	8,9	17,18	
WJFEKD	PowerPlex® Fusion						
	4e	12,16,16.3,18.3	17,19,22,24	10,11	14,15,19	11,13	8,10,13
		10,13,14	13,14,15	18,25	11,14	12,13	13,17,20
		13	29,30	15,16	X,Y	10,11,12	22,24
	12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
WK8H9E	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
	11,12,14	*7,18		6,8,9,9.3	8,9	15,17,18	
WKPWPG	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
WMJHME	PowerPlex® 21						
	4e	12,16,16.3	17,24		14,15	13,NR	8,[9],10
		10,[12],13,14		18,25	11,14	12,13	13,20
		13,13	29,30		X,Y	10,[11],12	22,24,25
	12,14	7,16,18		6,8,9,9.3	8,9	17,18	
WR7ZPB	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
WRLTBY	PowerPlex® HS						
	4e				14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
			29,30		X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18		6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

WWZUMD	PowerPlex® Fusion						
	4e	12,16,(16.3),(18.3)	17,(19),(22),24	10,11,(14)	14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14	13,14,(15)	18,(25)	11,14	12,13	13,(17),20
		13	29,30	15,16,(17)	X,(Y)	10,(11),12	22,24
		(11),12,14	(7),16,18		6,(8),(9),9.3	8,9	(15),17,18
WYANLX	Identifiler®						
	4e		17,19,22,24		14,15,19	9,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
X29LAV	Identifiler® Plus, PowerPlex® HS						
	4e		17,24		14,15	13	8,10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,12	22,24
		12,14	16,18		6,9.3	8,9	17,18
X2NBJF	Identifiler® Plus						
	4e		17,(19,22),24		14,15,(19)	(9,11),13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13	29,30		X,(Y)	10,(11),12	22,24
				6,(8,9),9.3	8,9	(15),17,18	
X2TTHE	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	[15],17,18	
X7J6J3	Identifiler® Plus						
	4e		17,[19,22],24		14,15,[19]	[9,11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8,9],9.3	8,9	[15],17,18	
X7JVGR	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

X8GZY8	Identifiler® Plus						
	4e		17,(19),(22),24		14,15,(19)	(9),(11),13,13	8,(9),10,(13)
		(10),13,14			11,14	12,13	13,(17),20
		13,13	29,30		X,X,(Y)	10,(11),12	22,24
				6,(8),(9),9.3	8,9	(15),17,18	
X9DQCU	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
XAMZ37	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
XCTT9K	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
XDJK8P	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
XE3BFA	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
XFBFVJ	PowerPlex® Fusion						
	4e	12,16,[18.3]	17,19,[22],24	10,11,[14]	14,15,[19]	[9],11,13	8,9,10,13
		10,13,14	13,14	18,25	11,14	12,13	13,[17],20
		13	29,30	15,16,[17]	X,Y	10,[11],12	22,23,24
	12,14	[7],16,18		6,8,9,9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

XFQ36K	GlobalFiler						
	4e	12,16,16.3,18.3	17,19,22,24	10,11,14	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14,15	17,18,25	11,14	12,13	13,17,20
		13,13	29,30	15,16,17	X,Y	10,11,12	22,24
			14,16,20,21.2	6,8,9,9.3	8,9	15,17,18	
XHV3DR	Identifiler®						
	4e		17,[19],24		14,15	[9],[11],13	8,10
		[10],13,14			11,14	12,13	13,20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
XJPTJ7	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
XLJA4G	PowerPlex® Fusion						
	4e	12,16,18.3	17,22,24	10,11	14,15,19	9,11,13	8,9,10,13
		10,13,14	13,14	18,25	11,14	12,13	13,17,20
		13	29,30	15,16	X,Y	10,11,12	22,23,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
XMRWL8	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,X,[Y]	10,[11],12	22,24
				6,8,9,9.3	8,9	15,17,18	
XUQ9BW	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
XVJ27F	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

XWERA9	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,10,13
		10,13,14			11,14	12,13	13,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
XY3W98	PowerPlex® 16						
	4e	N/A	N/A	N/A	14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14	N/A	N/A	11,14	12,13	13,[17],20
		N/A	29,30	N/A	X,[Y]	10,[11],12	22,24
	[11],12,14	[7],16,18	N/A	6,[8],[9],9.3	8,9	[15],17,18	
XY7JNZ	Identifiler® Plus						
	4e	-	17,19,22,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,11,12	22,24
	-	-	-	6,8,9,9.3	8,9	15,17,18	
XY99UJ							
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
Y2N6R8	Identifiler® Identifiler Plus						
	4e	N/A	17,[19],[22],24	N/A	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],[10],13,14	N/A	N/A	11,14	12,13	13,[17],20
		13,13	29,30	N/A	X,X,[X],[Y]	10,[11],12	22,24
	N/A	N/A	N/A	6,[8],[9],9.3	8,9	17,18	
Y2PQAL	Identifiler® Plus						
	4e		17,22,24		14,15,19	13	8,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X	10,12	22,24
				6,8,9,9.3	8,9	17,18	
Y9PDEM	Identifiler® Plus						
	4e		17,24		14,15	13,13	8,10
		13,14			11,14	12,13	13,20
		13,13	29,30		X,X	10,12	22,24
				6,9.3	8,9	17,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4e - STR Results

YANH3	Globalfiler						
	4e	12,16,(16.3),(18.3)	17,(19),(22),24	10,11,(14)	14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14	13,14	(17),18,(25)	11,14	12,13	13,(17),20
		13,13	29,30	15,16,(17)	X,(Y)	10,(11),12	22,24
				(14),16,20,(21.2)	6,(8),(9),9.3	8,9	(15),17,18
YBCL92	Identifiler® Identifiler Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
YDL4KY	Identifiler® Identifiler Plus						
	4e		17,19,22,24		14,15,19	11,13	8,9,10
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X	10,11,12	22,24
					6,8,9,9.3	8,9	17,18
YEVJ4J	Identifiler®						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18
YEWDK4	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
YFRWL7	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
YHD442	Identifiler® Plus						
	4e	N/T	17,[19],[22],24	N/T	14,15,[19]	[9],[11],13,13	8,[9],10,[13]
		[10],13,14	N/T	N/T	11,14	12,13	13,[17],20
		13,13	29,30	N/T	X,X,[Y]	10,[11],12	22,24
		N/T	N/T	N/T	6,[8],[9],9.3	8,9	[15],17,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

YHUXNN	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
YLT9KN	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
YMNUG	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		10,13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
YMNRLP	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
YQ8GW9	PowerPlex® 16 HS, Fusion						
	4e	*,12,16,18.3	17,19,22,24	*,10,11	14,15,19	9,11,13	8,9,10,13
		10,13,14	*,13,14	*,18	11,14	12,13	13,17,20
		13	29,30	15,16,17	X,Y	10,11,12	22,24
		11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18
YRXC7F	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
YVYNG	PowerPlex® Fusion						
	4e	12,16,(16.3),(18.3)	17,(19),(22),24	10,11,(14)	14,15,(19)	(9),(11),13	8,(9),10,(13)
		(10),13,14	13,14,(15)	18,(25)	11,14	12,13	13,(17),20
		13,13	29,30	15,15,(17)	X,(Y)	10,(11),12	22,24
	(11),12,14	(7),16,18		6,(8),(9),9.3	8,9	(15),17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4e - STR Results

YX67FX	Identifiler® Plus						
	4e		17,19,22,24		14,15,18,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
				6,8,9,9.3	8,9	15,17,18	
Z62X96	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
ZAHNR2	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13	29,30		X,[Y]	10,[11],12	22,24
				6,[8],[9],9.3	8,9	[15],17,18	
ZD29MB	PowerPlex® 21						
	4e	12,16,16.3,18.3	17,19,22,24		14,15,19	13,13	8,9,10
		10,13,14		18,25	11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,12	22,24
	12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
ZDXT9P	PowerPlex® 16 HS						
	4e	NA	NA	NA	14,15,19	9,11,13	8,9,10,13
		10,13,14	NA	NA	11,14	12,13	13,17,20
		NA	29,30	NA	X,Y	10,11,12	22,24
	11,12,14	7,16,18	NA	6,8,9,9.3	8,9	15,17,18	
ZHTKGL	PowerPlex® 16 HS						
	4e				14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
			29,30		X,Y	10,11,12	22,24
	11,12,14	7,16,18		6,8,9,9.3	8,9	15,17,18	
ZM8KTZ	Identifiler® Plus						
	4e	-	17,[19],[22],24	-	14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14	-	-	11,14	12,13	13,[17],20
		13,13	29,30	-	X,[Y]	10,[11],12	22,24
	-	-	-	6,[8],[9],9.3	8,9	[15],17,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4e - STR Results							
ZUN2JN	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13,13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
ZWR2DU	Identifiler®						
	4e		17,[19],24		14,15	13	8,[9],10
		13,14			11,14	12,13	13,20
		13	29,30		X	10,[11],12	22,24
					6,[9],9.3	8,9	17,18
ZXKKM9	Identifiler® Plus						
	4e		17,19,22,24		14,15,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
ZXMCFN	Identifiler® Plus						
	4e		17,[19],[22],24		14,15,[19]	[9],[11],13	8,[9],10,[13]
		[10],13,14			11,14	12,13	13,[17],20
		13,13	29,30		X,[Y]	10,[11],12	22,24
					6,[8],[9],9.3	8,9	[15],17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4EF - STR Results

BZBZBQ	Identifiler® Plus						
	4EF	-	17,19,24	-	14,15,19	9,11,13	8,9,10,13
		10,13,14	-	-	11,14	12,13	13,17,20
		13	29,30	-	X,Y	10,12	22,24
		-	-	-	6,9,9.3	8,9	15,17,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4SF - STR Results

BZBZBQ	Identifiler® Plus						
	4SF	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
239WUN	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
2448VH	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
24QZA2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
26ZKZ3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
27XX2X	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
29W46M	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
2CFLFY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

2KV6XD	GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
2NULA8	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,[24],25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
					8,9	8,9	15,17
2PLJHE	Identifiler® Plus						
	4sp	NA	19,22	NA	14,19	9,11	9,13
		10	NA	NA	11	12,13	17,20
		13	30	NA	X,Y	10,11	22,24
					8,9	8,9	15,17
2QH3JF	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
					8,9	8,9	15,17
2RAN2Q	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
2T74B3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
2TNKHB	PowerPlex® 16, 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
					8,9	8,9	15,17
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

2W8CVY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
2WM3F4	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
2XGKZD	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
2Z8QG4	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
2ZLCTQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
32B6YT	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
38KNBL	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

3BZNLE	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
3D7KDB	Identifiler® Plus						
	4sp		[17],19,22,[24]		14,[15],19	9,11,[13]	9,[10],13
		10,[13],[14]			11,[14]	12,13	[13],17,20
		13	30		X,Y	10,11,[12]	22,24
				[6],8,9,[9.3]	8,9	15,17,[18]	
3FE6DR	Identifiler® Plus						
	4sp		19,22		14,[18],19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3JD8PR	PowerPlex® 16 Hot Start						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
3NM99A	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3PJA8T	Identifiler® Plus						
	4sp	N/A	19,22	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		13,13	30,30	N/A	X,Y	10,11	22,24
		N/A	N/A	N/A	8,9	8,9	15,17
3PK4NE	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

3PY4TG	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3T3VME	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3T62BJ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3TLMVY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3TNC3H	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
3UYM7V	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
3V9RJJ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

3WXPKE	GLocalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13	30,30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
44HFWH	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
44K74Z	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
4A7THJ	PowerPlex® 16 HS						
	4sp	-	-	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		-	30	-	X,Y	10,11	22,24
	11,14	7,18	-	8,9	8,9	15,17	
4BXN8D	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
4EFGAM	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
4FDLT2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
4HGGC6	Identifiler® Plus						
	4sp		17,19,22		14,19	9,11,13	9,13
		10,14			11,14	12,13	17,20
		13	30		X,Y	10,11	22,24
					6,8,9,9.3	8,9	15,17
4HJT43	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
4NJ2JM	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
4PG42J	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
4RKANW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
4TY2W2	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
4UUKX3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

4V44N4	Identifiler® Plus						
	4sp		19,22		14,18,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
4V7G38	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	
4XP9YM	PowerPlex® 16 Hot Start						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	
63G3PF	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	
64E99V	Identifiler® Plus						
	4sp	Not tested	19,22	Not tested	14,19	9,11	9,13
		10,10	Not tested	Not tested	11,11	12,13	17,20
		13,13	30,30	Not tested	X,Y	10,11	22,24
	Not tested	Not tested	Not tested	8,9	8,9	15,17	
64YG94	PowerPlex® 21						
	4sp	16.3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	
66MKMC	PowerPlex® PPI 6 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

66UZA6	PowerPlex® 21						
	4sp	[12],16.3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
67H7G3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
67LQ7Q	Identifiler® Identifiler Plus, MiniFiler						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
68B4NA	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
6BWL8U	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
6CNAD9	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
6F9RM2	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

6LEKGW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
6M7Q7F	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
6NKTZN	Identifiler® Plus, PowerPlex® 16 HS						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
6Q6WCT	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
6UQGJH	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
6WTPWL	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
77FVZQ	Identifiler® Plus						
	4sp	n/a	19,22	n/a	14,19	9,11	9,13
		10,10	n/a	n/a	11,11	12,13	17,20
		13,13	30,30	n/a	X,Y	10,11	22,24
	n/a	n/a	n/a	8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

77VPLD	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
77XRKD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
7C4KGU	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				6,[8],[9],9.3	8,9	15,17	
7GUVQR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
7J68J8	Identifiler® , Identifiler Plus, MiniFiler						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
7KFEXG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
7KVBAU	Identifiler® Plus						
	4sp	N/A	19,22	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		13,13	30,30	N/A	X,Y	10,11	22,24
	N/A	N/A	N/A	8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

7NVJE4	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
7NXAKM	PowerPlex® HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
7PPWQH	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	17,18		8,9	8,9	15,17
7QL9RC	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
7QNXYV	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
7UJRWV	ESIPRO 17; ESX 17						
	4sp	16.3,18.3	19,22	11,14	14,19		
		10	13,15	17,25		12,13	17,20
		13	30	15,17	X,Y		22,24
			14,21.2	8,9		15,17	
7ULWFR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 4sp - STR Results

7UNAUV	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
7YENDB	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
83THT8	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
848FBC	Globalfiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
87TUML	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8CH66X	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,[16],18		[6],8,9,[9.3]	8,9	15,17
8CW7UX	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

8EJERK	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8FZ2DZ	Identifiler®						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
8GQRFD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8GRHMW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8KP4CD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8NTAXR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8P3G36	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

8RD4YY	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8UER92	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
8WR6CC	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8XED7Q	Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8XZL2V	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8YRDFM	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
8YU3M6	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

92VXR7	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
94ZPHY	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
96UBDB	Globalfiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
979D7J	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
97MYFL	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
9CF92X	Identifiler® Plus						
	4sp		17,19,22		14,19	9,11	8,9,10,13
		10			11	12,13	17,20
		13	30		X,Y	10,11,12	22,24
				8,9	8,9	15,17,18	
9DQBNW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
9EXTLT	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
9EZJTB	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
9G94RR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
9P4BKQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
9QWUEJ	Identifiler® Plus						
	4sp		19,22		14,[15],19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
9R7YR8	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
9UWFBA	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

9V97MY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
9Y8GHY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
9YP3YB	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
9YTYGE	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
9Z4ZKZ	ESX 16 fast, Promega						
	4sp	16.3,18.3	19,22	11,14	14,19		
		10	13,15	17,25		12,13	17,20
		13	30	15,17	X,Y		22,24
				8,9		15,17	
9ZN9HP	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
				8,9	8,9	15,17	
A3KTPY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

ABDNHB	PowerPlex® PP16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
ACCU2P	Identifiler® Plus						
	4sp	not tested	19,22	not tested	14,19	9,11	9,13
		10,10	not tested	not tested	11,11	12,13	17,20
		13,13	30,30	not tested	X,Y	10,11	22,24
		not tested	not tested	not tested	8,9	8,9	15,17
ADNBE4	PowerPlex® 16, HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
AMWB26	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
APWA6P	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
APX7BE	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
AQULMB	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

AR4EWR	Identifiler® Identifiler Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
AUVXT6	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
AV2U9L	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
AV4A9K	Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
AZGVGR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
AZHDCP	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
B7GU6M	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

B8CFXD	PowerPlex® 16 HS						
	4sp	-	-	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		-	30	-	X,Y	10,11	22,24
		11,14	7,18	-	8,9	8,9	15,17
BC7YVP	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BEGLQH	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BG2TTQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BGF3XK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BKHZ9D	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
BQNNR7	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

BR4NCV	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BREV9W	PowerPlex® HS, Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
BRHDCM	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
BRK8U8	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
BTADAX	Identifiler[sic] Direct						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BUMF8B	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
BWE2TU	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

BYL7KW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
BZDQGA	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
BZV7NH	Identifiler® Plus, MiniFiler						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
C3FDPQ	GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
	NT	NT	14,21.2	8,9	8,9	15,17	
C3H97C	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
C3VYT2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
C7J99U	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

CCLTFC	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14		7,18		8,9	8,9	15,17
CCMCW8	Identifiler® Plus						
	4sp		19,22		14,[15],19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CE92EY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CFM2KM	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CGEM76	PowerPlex® HS16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14		7,18		8,9	8,9	15,17
CGZLDW	PowerPlex® 21						
	4sp	16.3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
	11,14		7,18		8,9	8,9	15,17
CHCTPK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

CJMANW	Identifiler® ID+						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CKVGUB	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
CM74P4	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11	12,13	17,20
		13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CMHLGV	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CQ296T	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
CQNWRD	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	[17],[20]
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
CWVPV2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

CX6X32	Identifiler® ID Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
D2FXPY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
D2VQBL	Identifiler® Plus						
	4sp	NA	19,22	NA	14,19	9,11	9,13
		10,10	NA	NA	11,11	12,13	17,20
		13,13	30,30	NA	X,Y	10,11	22,24
		NA	NA	NA	8,9	8,9	15,17
D3D8JG	Identifiler® Plus						
	4sp		19,22		14,[18],19	9,11	9,[12],13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
D46YFZ	Identifiler® , Identifiler Plus, MiniFiler						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	[13],17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17,[18]	
D4AJJQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
D7V37L	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
D9FCDL	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
D9ZLDU	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
DATJL2	Identifiler®						
	4sp		19,22		14,19	9,11,[13]	9,13
		10,[14]			11	12,13	17,20
		13	30		X,Y	10,11,[12]	22,24
					8,9	8,9	15,17
DBQ2UC	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
DFJNKW	PowerPlex®						
	4sp	16.3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
DGT9F8	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
DHMNCG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

DLPPEY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
DML78J	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
DMVMVG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
DP62D2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
DT9Z3V	PowerPlex® 16						
	4sp	N/A	N/A	N/A	14,19□	9,11	{9,13}□
		10,10	N/A	N/A	11,11	12,13	17,20□
		N/A	30,30	N/A	X,Y	10,11	22,24
	{11,14}	7,18	N/A	8,9	8,9	15,17□	
DTPCK2	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
DUDKEF	PowerPlex® 16 HS						
	4sp	not tested	not tested	not tested	14,19	9,11	9,13
		10	not tested	not tested	11	12,13	17,20
		not tested	30	not tested	X,Y	10,11	22,24
	11,14	7,18	not tested	8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
DUJ3QF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
DZ6MKZ	Identifiler® , ID+ , MiniFiler						
	4sp		[17],19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				[6],8,9	8,9	15,17	
DZLF6P	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
E2RNW2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
E2UD3J	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
E3RWK9	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
ECEFR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

EDQPVK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EFE4D3	Identifiler® Plus						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		-	-	14,21.2	8,9	8,9	15,17
EG9L23	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EGP2QK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EJDGZR	GlobalFiler™						
	4sp	16.2,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	11	22,24
			14,21.2	8,9	8,9	15,17	
EKQJWK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EL3JTE	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

EPM9CR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EPY3WX	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EQWYR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
ET6ZEZ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
ETXLUQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
EXW3M8	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
F33TAP	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

F3L7PA	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
F4JZGT	PowerPlex® 21						
	4sp	16,3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
F7M8RR	Identifiler® Plus, MiniFiler						
	4sp		19,22		14,19	9,11	9,13
					11	12,13	17,20
			30		X,Y	10,11	22,24
					8,9	8,9	15,17
FALHMR	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	4sp	16,3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
FBH2NT	Identifiler®						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
FBVZUG	PowerPlex® 16 Hot Start						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
FC73GF	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

FGHDX	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
FHY88Y	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
FHYEPD	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
FLG63F	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
			7,18		8,9	8,9	15,17
FLVQD4	GlobalFiler						
	4sp	16,3,18,3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
FLXLVN	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
FPEDYH	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
FPZMB8	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
FQPZTQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
FZYXQM	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
G242GG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
G2MTQZ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
G8TMKW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
G93YDE	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

GCP7NF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
GF9QNX	GlobalFiler						
	4sp	16.3,18.3	[17],19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
GFM3KG	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
GG3GUC	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
GG4N7W	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
GHATCD	Identifiler® Plus, MiniFiler						
	4sp		(17),19,22,24		14,15,18,19	9,11,13	9,10,13
		10,13,14			11,14	12,13	(13),17,20
		13	30,(31)		X,Y	10,11,12	22,24
				6,8,9	8,9	15,17,18	
GJ4L6B	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

GKXCBP	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
GMP4PG	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	8,9	8,9	15,17	
GR3GGA	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17,18	
GTB449	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	8,9	8,9	15,17	
GTVZ9G	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	8,9	8,9	15,17	
GU43AU	PowerPlex® HS, Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
	11,14	7,18		[6],8,9,[9.3]	8,9	15,17	
GVJGJP	PowerPlex® PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

GWA9JE	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
H3GGGH	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
H889UX	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
H972KX	GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
HBTKNG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
HC3Z3V	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
HCK9TB	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

HCZVHY	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
HDYZ2E	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
HE7F9K	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
HGXUZW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
HH726A	PowerPlex® HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
HJ4CXR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
HQMHWK	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

HX4KT9	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
HYDLXF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
HYFFEZ	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
J48JQV	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
J6HTUA	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
J7CJZN	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
JDQFNV	Globalfiler						
	4sp	16.3,18.3	19,22	[10],11,14	14,19	9,11,[13]	9,13
		10	13,15	17,[18],25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
JE9AP6	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
JFGM6L	PowerPlex® 16						
	4sp	N/A	N/A	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		N/A	30,30	N/A	X,Y	10,11	22,24
				8,9	8,9	15,17	
JJGTQJ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
JMG2UT	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
				8,9	8,9	15,17	
JMGCVJ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
JMGCW6	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
				8,9	8,9	15,17	
JNDR8F	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

JNFGDY	GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
JPMJTP	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,[18],19	9,11	9,13
		10	13,15	17,[24],25	11	12,13	17,20
		13	30	15,[16],17	X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	
JTLZ6J	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
JUZ6ZB	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
JZ9QRE	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
K2FAAM	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18	8,9	8,9	15,17	
K6FE3U	GlobalFiler						
	4sp	16.3,18.3	[17],19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
			14,21.2	[6],8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

K6TB7E	Identifiler® Plus						
	4sp		19,22		14,[18],19	9,11	9,[12^],13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
K7P2LL	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
K9X9QZ	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
KB2CRH	PowerPlex® 16 HS, PowerPlex® ESX17						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
		11,14	7,18	14,21.2	8,9	8,9	15,17
KEKLHU	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
KELVL6	PowerPlex® 16 HS						
	4sp	NA	NA	NA	14,19	9,11	9,13
		10	NA	NA	11	12,13	17,20
		NA	30	NA	X,Y	10,11	22,24
		11,14	7,18	NA	8,9	8,9	15,17
KN7RDD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

KN9K9Z	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
KRQH4H	Identifiler® Plus						
	4sp		19,22		14,[18],19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
KWLDKV	Identifiler® , MiniFiler						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
KZYDJ9	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
L3QXFK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
L6TEGG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
L7J7EK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

L986LB	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
L9T946	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
LA3NNC	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LBVLVJ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LCPYAG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LCQ4XK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LD7TAQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

LDJPFV	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LEXMWG	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LFR4GQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LHECB6	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
LJU2RJ	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
LLWEFN	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LLYUJW	PowerPlex® HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

LMPX9W	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LMTGXK	PowerPlex® FUSION						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
LPHPMN	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,[18],19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
LQRVLB	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LTXU4B	PowerPlex® 16						
	4sp				14,19	9,11,[13]	9,13
		10			11,[14]	12,13	[13],17,20
			30		X,Y	10,11	22,24
		11,[12],14	7,18		8,9	8,9	15,17,[18]
LWH9KD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
LXTKB9	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

LZZ8X8	Identifiler® Plus, PowerPlex® HS						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
M3FUWQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
M6RRMA	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
M727L3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
M8UWRG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
MCPANJ	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
MEC4W2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

MEGLVZ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
MHT4WU	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
MHTYMR	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
MJP26N	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
MNZPPX	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
MPUFTQ	Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
MTUG4L	PowerPlex® PP21						
	4sp	16.3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

MWEDPQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
MXKZYP	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
MZV7RZ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
N2YKCB	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
NAULTP	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
NAXHBT	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
NGEQJ4	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

NH7L7D	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
NJK7YM	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
NMKP69	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
NNHXDR	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
NPNKMQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
NTPYNG	PowerPlex® 16						
	4sp	N/A	N/A	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		N/A	30,30	N/A	X,Y	10,11	22,24
		11,14	7,18	N/A	8,9	8,9	15,17
NX3AP6	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
NYCE3T	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
NYXRR7	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
P243AA	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
P6J3EA	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
P84L7D	Identifiler® , MiniFiler						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
P9Z48E	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
PAA7WY	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20^
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

PATF6K	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PAY3QM	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PB7HXU	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
PBK7YK	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,[18],20
		13	30	15,17	X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
PC4MG9	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PDQYZR	Globalfiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
PDTTGC	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
PEMJMQ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PEPAUA	Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PGPPDD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PKBYF6	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PLN423	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PQD9KC	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
PQG4J6	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

PVDMMN	PowerPlex® Fusion						
	4sp	16,3,18,3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
PVUDGL	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
PXFTXN	PowerPlex® 16 and HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
PZ6QYK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
Q2ELCJ	PowerPlex® Fusion						
	4sp	16,3,18,3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
Q2THNV	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
Q3A2LU	PowerPlex® HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

Q3M4GM	PowerPlex® 16						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
Q3TTVE	PowerPlex® 16						
	4sp	N/A	N/A	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		N/A	30,30	N/A	X,Y	10,11	22,24
		11,14	7,18	N/A	8,9	8,9	15,17
Q443UK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
Q4KEDP	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
QAM8AK	GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,(18),19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
			14,21.2	8,9	8,9	15,17	
QBJ4UU	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
QBNNWJ	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
QCTMP4	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
QJG4J3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
QKMPQF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
QLLR2D	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
QLZ3VC	Identifiler® , GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
QMCUQE	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
QMH8CP	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

QPJ9D8	Identifiler® Plus						
	4sp	N/A	19,22	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		13,13	30,30	N/A	X,Y	10,11	22,24
		N/A	N/A	N/A	8,9	8,9	15,17
QTJTK	Profiler® Plus						
	4sp				14,19	9,11	9,13
		10,10			11,11		17,20
			30,30		X,Y		22,24
							15,17
QUDBWD	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
QV8TGM	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
QVNL3A	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
QVR7RY	PowerPlex® 16 HS						
	4sp	-	-	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		-	30	-	X,Y	10,11	22,24
		11,14	7,18	-	8,9	8,9	15,17
QVTBF3	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

QWKLV3	Identifiler® Plus						
	4sp		19,22		14,18,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
QZ3MEN	GlobalFiler						
	4sp	[16],16.3,18.3*	19,22	11,14	14,19	9,11,[13]*	9,13
		10	13,15	17,[18],25*	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		-	-	14,[20],21.2*	8,9	8,9	15,17
QZMZZ	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
R2T8LK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
R4XBF9	Identifiler® Plus						
	4sp	NO PROFILE	19,22	NO PROFILE	14,19	9,11	9,13
		10,10	NO PROFILE	NO PROFILE	11,11	12,13	17,20
		13,13	30,30	NO PROFILE	X,Y	10,11	22,24
	NO PROFILE	NO PROFILE	NO PROFILE	8,9	8,9	15,17	
R6BE28	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
R7NYTG	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

R9BHUF	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
RDMYDW	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
REGEEF	Identifiler®						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
RFCUQC	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
RFR9Z8	Identifiler® Plus						
	4sp	NA	19,22	NA	14,19	9,11	9,13
		10,10	NA	NA	11,11	12,13	17,20
		13,13	30,30	NA	X,Y	10,11	22,24
		NA	NA	NA	8,9	8,9	15,17
RFTETF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
RG4QF7	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

RHCBWE	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
RHF34F	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
RK7RHN	Globalfiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
RLFWVC	PowerPlex® PP16						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
RMAMY7	Identifiler® Plus						
	4sp		19,22		14,18,19	9,11	9,13
		10			11	12,13	17,19,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
RMPFLE	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
RPV2CY	PowerPlex® PP16 HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

RQPRHE	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
T73HXR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TAJMRG	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TALD2K	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TCAB7P	PowerPlex® HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
			7,18		8,9	8,9	15,17
TCRAG2	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TEDKJT	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

TEUZAF	Identifiler® ID+						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TN3ZY4	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TPADKC	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TRH7ZJ	Identifiler® +						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TUGHEZ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TWBU9G	GlobalFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11,[13]	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
TWRJGH	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

TWUH97	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TZF3HF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
TZRUDH	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
U2JCRP	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
U2KGCK	Identifiler® ID Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
U6LL7T	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	
U7G48U	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
	11,14	7,18		8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
UAV9UB	PowerPlex® 16						
	4sp	N/A	N/A	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		N/A	30,30	N/A	X,Y	10,11	22,24
		11,14	7,18	N/A	8,9	8,9	15,17
UDTUH8	Identifiler Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
UHTB7F	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
UKFFUY	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
UNXXNP	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
UP7HLJ	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
UVZZU	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

UYXDT9	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	13		X,Y	10,11	22,24
				8,9	8,9	15,17	
UZTT67	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
V2HAMX	PowerPlex® 16 HS						
	4sp	-	-	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		-	30	-	X,Y	10,11	22,24
	11,14	7,18	-	8,9	8,9	15,17	
V4M6J3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
V6KFF6	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
VC3GLM	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
VFFNZT	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

VGA8NT	PowerPlex® 16 HS						
	4sp	-	-	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		-	30	-	X,Y	10,11	22,24
		11,14	7,18	-	8,9	8,9	15,17
VGA4M	Identifiler® Plus						
	4sp	NA	19,22	NA	14,19	9,11	9,13
		10	NA	NA	11	12,13	17,20
		13	30	NA	X,Y	10,11	22,24
		NA	NA	NA	8,9	8,9	15,17
VGDW9C	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
VL42LU	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
VM2LMV	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
VQGLTF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
WCFT3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

VVP6UT	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WVUK9F	PowerPlex® 21						
	4sp	16,3,18,3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
VZM2QU	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10	-	-	11	12,13	17,20
		13	30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
W46HLK	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
W6A9L9	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
W8JLU	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WBMG3X	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

WCE3NG	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WJFEKD	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,12,13
		10	13,15	17,24,25	11	12,13	17,20
		13	30	15,16,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WK8H9E	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WKPWPG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
WMJHME	PowerPlex® 21						
	4sp	16.3,[17.3],18.3	19,22,24		14,19	9,11	9,[12],13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WR7ZPB	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
WRLTBY	PowerPlex® HS						
	4sp				14,19	9,11	9,13
		10,10			11,11	12,13	17,20
			30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

WWZUMD	PowerPlex® Fusion						
	4sp	16,3,18,3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
WYANLX	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
X29LAV	Identifiler® Plus, PowerPlex® HS						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
X2NBJF	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
X2TTHE	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
X7J6J3	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
X7JVGR	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

X8GZY8	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
X9DQCU	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
XAMZ37	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XCTT9K	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XDJK8P	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
XE3BFA	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XFBFVJ	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,16	17,25	11	12,13	17,20
		13	30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

XFQ36K	GlobalFiler						
	4sp	16,3,18,3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
XHV3DR	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XJPTJ7	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XLJA4G	PowerPlex® Fusion						
	4sp	16,3,18,3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
				8,9	8,9	15,17	
XMRWL8	Identifiler® Plus						
	4sp		19,22		14,[18^],19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XUQ9BW	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17,18	
XVJ27F	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

XWERA9	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
XY3W98	PowerPlex® 16						
	4sp	N/A	N/A	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		N/A	30,30	N/A	X,Y	10,11	22,24
		11,14	7,18	N/A	8,9	8,9	15,17
XY7JNZ	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17
XY99UJ							
	4sp		19,22		14,[18],19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
Y2N6R8	Identifiler® Identifiler Plus						
	4sp	N/A	19,22	N/A	14,19	9,11	9,13
		10,10	N/A	N/A	11,11	12,13	17,20
		13,13	30,30	N/A	X,Y	10,11	22,24
		N/A	N/A	N/A	8,9	8,9	15,17
Y2PQAL	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
Y9PDEM	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

YANH3	Globalfiler						
	4sp	16,3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
				14,21.2	8,9	8,9	15,17
YBCL92	Identifiler® Identifiler Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
YDL4KY	Identifiler® Identifiler Plus						
	4sp		19,22		14,15,18,19	9,11,13	8,9,10,13
		10,13,14			11,14	12,13	17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
YEVJ4J	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
YEWDK4	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
YFRWL7	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
YHD442	Identifiler® Plus						
	4sp	N/T	19,22	N/T	14,19	9,11	9,13
		10,10	N/T	N/T	11,11	12,13	17,20
		13,13	30,30	N/T	X,Y	10,11	22,24
		N/T	N/T	N/T	8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

YHUXNN	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
YLT9KN	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
YMNUG	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
YMNRLP	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
YQ8GW9	PowerPlex® 16 HS, Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10	13,15	17,25	11	12,13	17,20
		13	30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
YRXC7F	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
YYNFG	PowerPlex® Fusion						
	4sp	16.3,18.3	19,22	11,14	14,19	9,11	9,13
		10,10	13,15	17,25	11,11	12,13	17,20
		13,13	30,30	15,17	X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

Item 4sp - STR Results

YX67FX	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
Z62X96	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
				8,9	8,9	15,17	
ZAHNR2	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
				8,9	8,9	15,17	
ZD29MB	PowerPlex® 21						
	4sp	16.3,18.3	19,22		14,19	9,11	9,13
		10,10		17,25	11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
ZDXT9P	PowerPlex® 16 HS						
	4sp	NA	NA	NA	14,19	9,11	9,13
		10	NA	NA	11	12,13	17,20
		NA	30	NA	X,Y	10,11	22,24
		11,14	7,18	NA	8,9	8,9	15,17
ZHTKGL	PowerPlex® 16 HS						
	4sp				14,19	9,11	9,13
		10			11	12,13	17,20
			30		X,Y	10,11	22,24
		11,14	7,18		8,9	8,9	15,17
ZM8KTZ	Identifiler® Plus						
	4sp	-	19,22	-	14,19	9,11	9,13
		10,10	-	-	11,11	12,13	17,20
		13,13	30,30	-	X,Y	10,11	22,24
		-	-	-	8,9	8,9	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
ZUN2JN	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17
ZWR2DU	Identifiler®						
	4sp		19,22		14,19	9,11	9,13
		10			11	12,13	17,20
		13	30		X,Y	10,11	22,24
					8,9	8,9	15,17
ZXKM9	Identifiler® Plus						
	4sp		17,19,22,24		14,15,19	9,11,13	9,10,13
		10,13,14			11,14	12,13	13,17,20
		13	29,30		X,Y	10,11,12	22,24
					6,8,9,9.3	8,9	15,17,18
ZXMCFN	Identifiler® Plus						
	4sp		19,22		14,19	9,11	9,13
		10,10			11,11	12,13	17,20
		13,13	30,30		X,Y	10,11	22,24
					8,9	8,9	15,17

Amplification Kit(s) & YSTR Results

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 1 - YSTR Results

2KV6XD	GlobalFiler								
	1							NR	
		NR							
<hr/>									
2QH3JF	Yfiler® Applied Biosystems								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
<hr/>									
2Z8QG4	PowerPlex® Y 23								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
<hr/>									
32B6YT	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
<hr/>									
379LD9	PowerPlex® Y PPY23								
	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		
<hr/>									
3NNTMJ	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
<hr/>									
3WXPKF	GlobalFiler Express								
	1								
<hr/>									
64E99V	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	Not tested	Not tested
		Not tested	Not tested	Not tested	NR	Not tested	NR	Not tested	
<hr/>									
66UZA6	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
<hr/>									

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 1 - YSTR Results									
74RALG	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
77FVZQ	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	n/a	n/a
		n/a	n/a	n/a	NR	n/a	NR	n/a	
78QKFV	Yfiler®								
	1	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
					NR		NR		
7DHUPU	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
					NR		NR		
7J68J8	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
					NR		NR		
7YENDB	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
8AUXFU	Yfiler®								
	1								
8MFAR4	PowerPlex® Y PPY23								
	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	
96UBDB	Globalfiler Express								
	1								
97MYFL	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 1 - YSTR Results									
AQANQD	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
AR4EWR	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
AV2U9L	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
BGF3XK	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
BNEREN	Yfiler®								
	1	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
BRHDCM	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	-	-
		-	-	-	NR	-	NR	-	
BTVRZW	Yfiler®								
	1								
C3FDPQ	Yfiler®								
	1	NSD	NSD	NSD	NSD	NSD	NSD	NSD	NSD
		NSD	NSD	NSD	NSD	NSD	NSD	NT	NT
		NT	NT	NT	NSD	NT	NSD	NSD	
CFHB6B	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
D46YFZ	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 1 - YSTR Results

DMVMVG	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
DZ6MKZ	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
EJDGZR	Yfiler® Plus								
	1								
FLVQD4	GlobalFiler Express								
	1								
G93YDE	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
GF9QNX	GlobalFiler (DYS391 and Y Indel)								
	1						NR		
								NR	
GFM3KG	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
GK3PYL	PowerPlex Fusion								
	1	-	-	-	-	-	0	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
HB6JG6	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
HJ4CXR	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 1 - YSTR Results										
JCWUTJ	PowerPlex Fusion									
	1	-	-	-	-	-	0	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
JDQFNV	Globalfiler									
	1						NR			
										NR
JNFGDY	GlobalFiler Express									
	1									
K4LT8H	Powerplex Fusion									
	1	-	-	-	-	-	0	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
K6FE3U	GlobalFiler									
	1						NR			
										NR
KLMKAJ	Yfiler®									
	1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			
L8F9XG	Fusion									
	1	-	-	-	-	-	0	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
LQQ3LG	Yfiler®									
	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR		
					NR		NR			
M7U4RN	PowerPlex Fusion									
	1	-	-	-	-	-	0	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
MDX2LL	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			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 1 - YSTR Results										
PDQYZR	Globalfiler Express									
	1							No results		
									No results	
QAM8AK	GlobalFiler									
	1							NR		
										NR
QBJ4UU	PowerPlex® Y 23									
	1									
QCTMP4	Yfiler®									
	1	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
QLFNYL	PowerPlex® Y 23									
	1									
QMCUQE	PowerPlex® Y 23									
	1	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
QZ3MEN	GlobalFiler DYS391, Yindel									
	1	-	-	-	-	-	NR	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	NR	-	-
R6BE28	Yfiler®									
	1	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
TC6YKE	PowerPlexY23									
	1	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	not tested	-	-
TQNNEA	PowerPlex® Y 23									
	1									

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 1 - YSTR Results

TWUH97	Yfiler®	1	-	-	-	-	-	-	-	
			-	-	-	-	-	-	-	
<hr/>										
UDXCF6	1	NR	NR, NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
					NR		NR			
<hr/>										
VQUVNF	PowerPlex Fusion	1	-	-	-	-	0	-	-	
			-	-	-	-	-	-	-	
			-	-	-	-	-	-	-	
<hr/>										
VUWNN7	Yfiler®	1	NR	NR, NR	NR	NR	NR	NR	NR	
			NR	NR	NR	NR	NR	NR	NR	
						NR		NR		
<hr/>										
WR7ZPB	Yfiler®	1	NR	NR	NR	NR	NR	NR	NR	
			NR	NR	NR	NR	NR	NR	NR	
						NR		NR		
<hr/>										
XAKL47	Yfiler®	1	NR	NR	NR	NR	NR	NR	NR	
			NR	NR	NR	NR	NR	NR	NR	
						NR		NR		
<hr/>										
XFQ36K	GlobalFiler Express	1								
<hr/>										
YAXPU4	PowerPlex Fusion	1	-	-	-	-	0	-	-	
			-	-	-	-	-	-	-	
			-	-	-	-	-	-	-	
<hr/>										
YHD442	Yfiler®	1	N/T	N/T	N/T	N/T	N/T	N/T	N/T	
			N/T	N/T	N/T	N/T	N/T	N/T	N/T	
			N/T	N/T	N/T	N/T	N/T	N/T	N/T	
<hr/>										
YMNLUG	PowerPlex® Y 23	1	NR	NR	NR	NR	NR	NR	NR	
			NR	NR	NR	NR	NR	NR	NR	
			NR	NR	NR	NR	NR	NR	NR	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 1 - YSTR Results									
YWDAR6	PowerPlex Fusion								
	1	-	-	-	-	-	0	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
ZZBVE2	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

239WUN	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
2448VH	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
26ZKZ3	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
27XX2X	PowerPlex® Y 23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
2KV6XD	Yfiler® , GlobalFiler	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8	2	
2LM9LE	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
2PLJHE	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
2QH3JF	Yfiler® Applied Biosystems	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	6	-	
2RAN2Q	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
2TNKHB	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

2XGKZD	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
2Z8QG4	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	*		
2ZLCTQ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
32B6YT	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
379LD9	PowerPlex® Y PPY23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
3BZNLE	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
3NNTMJ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	-
3PK4NE	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
3QB8FZ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
3T3VME	PowerPlex® Y Power Plex Y23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

3T62BJ	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
3UYM7V	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
3WXPKE	GlobalFiler Express 2						10		
								2	
44HFWH	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
44K74Z	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
4HGGC6	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
4HJT43	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
63G3PF	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
64E99V	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	Not tested	Not tested
		Not tested	Not tested	Not tested	21	Not tested	<8	Not tested	
64YG94	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

66MKMC	PowerPlex® Y PPY23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
66UZA6	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
67H7G3	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		OL *		
68B4NA	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
6BWL8U	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
6LEKGW	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
6NKTZN	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
6Q6WCT	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
6WTPWL	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
74RALG	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
77FVZQ	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	n/a	n/a
		n/a	n/a	n/a	21	n/a	<8	n/a	
77XRKD	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
78QKFV	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7C4KGU	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7DHUPU	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7GFB4A	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
7J68J8	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7KFEXG	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7KVBAU	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	N/A	N/A
		N/A	N/A	N/A	21	N/A	<8	N/A	
7QL9RC	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

7UJRWW	PowerPlex® Y PXY23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
7UNAUV	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12			
7YENDB	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
83THT8	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
848FBC	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
84N4LY	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
87TUML	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
8AUXFU	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
8CW7UX	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
8EJERK	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

8GQRFD	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8GRHMW	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
8KP4CD	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8MFAR4	PowerPlex® Y PPY23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
8NTAXR	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8RD4YY	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
8UER92	PowerPlex Fusion 2						10		
8XED7Q	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
8XZL2V	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
92VXR7	GlobalFiler Express 2						10		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

96UBDB	GLOBALFILER EXPRESS								
	2						10		
								2	
979D7J	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
97MYFL	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
9CF92X	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
9DQBNW	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
9EXTLT	Yfiler® , PowerPlex® Y								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
9P4BKQ	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
9R7YR8	PowerPlex® Y 23								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
9V97MY	PowerPlex® Y 23								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
9Y8GHY	PowerPlex® Y 23								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

9YP3YB	PowerPlex® Y 23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
A37ULW	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
					21		<8		
ABDNHB	PowerPlex® Y PPY23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
ADNBE4	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
AMWB26	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
APX7BE	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
AQANQD	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	<8	-	-
AR4EWR	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	6	-	-
AV2U9L	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
AV4A9K	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

B EGLQH	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
B G2TTQ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
B GF3XK	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
B NEREN	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
B QNNR7	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
B R4NCV	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
B REV9W	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
B RHDCM	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	
B RK8U8	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
B TVRZW	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

BUMF8B	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
C3FDPQ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NT	NT
			NT	NT	NT	21	NT	<8	2	
CFHB6B	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	
CFM2KM	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
CGEM76	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
CM74P4	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
CMHLGV	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
CQ296T	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
D2VQBL	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
D46YFZ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

D7V37L	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DATJL2	2							10		
									2	
DBQ2UC	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DHMNCG	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DMVMVG	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DNE4D6	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
DTPCK2	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DUJ3QF	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DVCVLY	PowerPlex® Y PPY23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
DZ6MKZ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

DZLF6P	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
E2UD3J	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
ECEPTR	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
EFE4D3	GlobalFiler	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	2	
EJDGZR	Yfiler® Plus	2	15	14,16	12	30	22	10	11	14
			17		12	20	15	17	27	12
				18	15	21		6		
EKQJWK	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
ELKYNN	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
EPM9CR	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
ET6ZEZ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
ETXLUQ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

EXW3M8	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
F33TAP	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
F3L7PA	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	-
F4JZGT	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
F7M8RR	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
FALHMR	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
FBH2NT	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	6	-	-
FGHHD	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
FHYEPD	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
FLVQD4	GlobalFiler Express	2						10		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

FN6B9D	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		OL		
FPEDYH	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
FZYXQM	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
G93YDE	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
GF9QNX	Yfiler® , GlobalFiler (Y Indel)	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8	2	
GFM3KG	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	6	-	-
GHATCD	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
GK3PYL	PowerPlex Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
GTB449	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	-
GU43AU	Fusion	2						10		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

H972KX	GlobalFiler								
	2						10		
								2	
HB6JG6	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	<8	-	
HB79MM	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
HBTKNG	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
HC3Z3V	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
HCK9TB	PowerPlex® Y 23								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
HCZVHY	PowerPlex® Y 23								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
HJ4CXR	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
HX4KT9	Yfiler®								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	<8	-	
HYFFEZ	PowerPlex® Y 23								
	2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

HZ7J4Z	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	N/A	N/A
			N/A	N/A	N/A	21	N/A	<8	N/A	
JCWUTJ	PowerPlex Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
JDQFNV	Yfiler® , Globalfiler	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8	2	
JMG2UT	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
JMGCVJ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
JNDR8F	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
JNFGDY	GlobalFiler Express	2						10		
									2	
JUJ6ZB	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
K4LT8H	Powerplex Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
K6FE3U	Yfiler® , GlobalFiler (Y Indel)	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8	2	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

K6TB7E	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
K7P2LL	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
KB2CRH	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15,OL	17	27	12
			11	18	15	21	12			
KLMKAJ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		NR		
KN9K9Z	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
KRQH4H	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
L3QXFK	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
L7J7EK	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
L8F9XG	Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
L986LB	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

LCPYAG	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
LEXMWG	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
LJU2RJ	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
LLYUJW	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
LMPX9W	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
LMTGXX	2						10		
LPHPMN	PowerPlex® Y Fusion 2						10		
LQQ3LG	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
LQRVLB	Yfiler® 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
LTXU4B	PowerPlex® Y 23 2	15	14,16	12	30	22	10	11	14
		17	8	12	20	INC	17	27	12
		11	18	15	21	12	INC		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

LZZ8X8	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
M727L3	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
M7U4RN	PowerPlex Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
MDX2LL	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
MJP26N	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
MNZPPX	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
NAULTP	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	OL<8		
NAXHBT	2						10			
									2	
NYCE3T	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
P243AA	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

P6J3EA	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
P84L7D	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
PATF6K	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
PB7HXU	PowerPlex® Y Y23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
PCXKMU	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
PDQYZR	Globalfiler Express	2						10		
									2	
PDTTGC	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
PEMJMQ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
PEPAUA	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
PKBYF6	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

PLN423	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
PQD9KC	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
PQG4J6	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
PXFTXN	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
Q3A2LU	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
QAM8AK	GlobalFiler	2						10		
									2	
QBJ4UU	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
QBNNWJ	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
QCTMP4	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
QLFNYL	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6	2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 2 - YSTR Results										
QLZ3VC	GlobalFiler									
	2						10			
								2		
QMCUQE	PowerPlex® Y 23									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17	27	12	
		11	18	15	21	12	*			
QMH8CP	Yfiler®									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17			
					21		6			
QVTBF3	Yfiler®									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17			
					21		<8			
QZ3MEN	Yfiler® , GlobalFiler (Y Indel Only)									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17	-	-	
		-	-	-	21	-	<8	2		
R4XBF9	Yfiler®									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17	NO PROFILE	NO PROFILE	
		NO PROFILE	NO PROFILE	NO PROFILE	21	NO PROFILE	<8	NO PROFILE		
R6BE28	Yfiler®									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17			
					21		<8			
REGEEF	Yfiler®									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17	-	-	
		-	-	-	21	-	OLA(6,113.74 bp)			
RFA6KU	Yfiler®									
	2	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17			
					21		<8			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

RFCUQC	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
RFTETF	PowerPlex® Y 23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
RG4QF7	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
RHF34F	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
RMPFLE	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
RQPRHE	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
T73HXR	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
TC6YKE	Yfiler® , PowerPlexY23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	6	not tested	
TCAB7P	PowerPlex® Y 23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
TCRAG2	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

TEDKJT	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TN3ZY4	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TQNNEA	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
TRH7ZJ	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
TWBU9G	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6	2	
TWRJGH	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
TWUH97	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TZF3HF	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
U2JCRP	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
U49J9F	PowerPlex® Y PowerPlex Y23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

UDTUH8	Yfiler® YFiler	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	6	-	
UDXCF6	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
UKFFUY	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
UYXDT9	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
UZTT67	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
V4M6J3	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
V6KFF6	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
VC3GLM	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
VGAE4M	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
VGDW9C	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

VM2LMV	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
VQUVNF	PowerPlex Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
VUWNN7	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
WCFT3	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
VZM2QU	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	-
W46HLK	Yfiler® , PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
W9EV3J	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
WR7ZPB	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
WWZUMD	Fusion	2						10		
WYANLX	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 2 - YSTR Results										
X29LAV	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
XAKL47	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
XCTT9K	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
XDJK8P	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
XE3BFA	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
XFQ36K	GlobalFiler Express	2						10		
									2	
XHV3DR	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
XMRWL8	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
XU93AL	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
XUQ9BW	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

XVJ27F	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
Y2PQAL	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
Y9PDEM	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
YANH3	Globalfiler	2						10		
									2	
YAXPU4	PowerPlex Fusion	2	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
YEVJ4J	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
YEWK4	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
YHD442	Yfiler®	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	N/T	N/T
			N/T	N/T	N/T	21	N/T	<8	N/T	
YLT9KN	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
YMNUG	PowerPlex® Y 23	2	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
YQ8GW9	PowerPlex® Y 23	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
YRXC7F	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
YWDAR6	PowerPlex Fusion	-	-	-	-	-	10	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
YX67FX	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZAHNR2	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZWR2DU	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZXKCM9	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZXMCFN	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZZBVE2	Yfiler®	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

239WUN	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
2448VH	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
26ZKZ3	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
27XX2X	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
2KV6XD	Yfiler® , GlobalFiler 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8	2	
2LM9LE	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
2PLJHE	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
2QH3JF	Yfiler® Applied Biosystems 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	6	-	
2TNKHB	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
2XGKZD	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

2Z8QG4	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	*		
2ZLCTQ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
32B6YT	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
3BZNLE	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
3PK4NE	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
3QB8FZ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
3T3VME	PowerPlex® Y PowerPlex Y23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
3T62BJ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
3UYM7V	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
3WXPKF	GlobalFiler	3						10		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

44HFWH	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
44K74Z	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
4HGGC6	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
4HJT43	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
4UUKX3	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
63G3PF	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
64E99V	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	Not tested	Not tested
			Not tested	Not tested	Not tested	21	Not tested	<8	Not tested	
64YG94	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
66MKMC	PowerPlex® Y PPY23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
66UZA6	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

67H7G3	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		OL *		
68B4NA	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
6BWL8U	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
6F9RM2	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
6LEKGW	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
6NKTZN	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	16		
6Q6WCT	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
6WTPWL	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
77FVZQ	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	n/a	n/a
		n/a	n/a	n/a	21	n/a	<8	n/a	
77XRKD	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3 - YSTR Results									
78QKFV	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7C4KGU	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7DHUPU	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7GFB4A	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
7J68J8	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7KFEXG	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
7KVBAU	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	N/A	N/A
		N/A	N/A	N/A	21	N/A	<8	N/A	
7QL9RC	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
7UJRWW	PowerPlex® Y PXY23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	6		
7UNAUV	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

7YENDB	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
83THT8	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
848FBC	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
84N4LY	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
87TUML	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
8AUXFU	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8CW7UX	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
8EJERK	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8GQRFD	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8GRHMW	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

8KP4CD	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8NTAXR	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
8RD4YY	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
8UER92	PowerPlex Fusion 3						10		
8XED7Q	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
8XZL2V	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
96UBDB	Globalfiler 3						10		
								2	
979D7J	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
97MYFL	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
9CF92X	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

9DQBNW	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
9EXTLT	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
9P4BKQ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
9R7YR8	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
9V97MY	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
9Y8GHY	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
9YP3YB	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
A37ULW	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
ABDNHB	PowerPlex® Y PPY23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
ADNBE4	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

AMWB26	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
APX7BE	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
AR4EWR	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	6	-	-
AV2U9L	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
AV4A9K	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
BEGLQH	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
BG2TTQ	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
BGF3XK	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
BNEREN	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
BQNNR7	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

BR4NCV	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
BREV9W	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
BRHDCM	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	
BRK8U8	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
BTVRZW	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
BUMF8B	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
BWE2TU	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
CFM2KM	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
CGEM76	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
CM74P4	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

CMHLGV	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
CQ296T	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
D2VQBL	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
D46YFZ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
D7V37L	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DBQ2UC	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DHMNCG	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DMVMVG	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DNE4D6	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
DTPCK2	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

DUJ3QF	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DZ6MKZ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
DZLF6P	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
E2UD3J	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
ECEPTR	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
EFE4D3	GlobalFiler	3	-	-	-	-	-	10	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	2	
EJDGZR	Yfiler® Plus	3	15	14,16	12	30	22	10		14
			17	8	12	20	15	17	27	12
				18	15	21		6		
EKQJWK	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
ELKYYN	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
EPM9CR	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

ET6ZEZ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
ETXLUQ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
EXW3M8	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
F33TAP	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
F3L7PA	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	
F4JZGT	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
F7M8RR	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
FALHMR	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
FBH2NT	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	6	-	
FGHHXD	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

FHYPED	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
FLVQD4	GlobalFiler	3						10		
									2	
FN6B9D	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		OL		
FPEDYH	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
FZYQMQ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
G93YDE	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
GF9QNX	Yfiler® , GlobalFiler (Y Indel)	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8	2	
GFM3KG	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	6	-	-
GHATCD	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
GTB449	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	-	-

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

GU43AU	Fusion								
	3						10		
H972KX	GlobalFiler								
	3						10		
								2	
HB79MM	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
HBTKNG	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
HC3Z3V	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
HCK9TB	PowerPlex® Y 23								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
HCZVHY	PowerPlex® Y 23								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
HJ4CXR	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
HX4KT9	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	<8	-	
HYFFEZ	PowerPlex® Y 23								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

HZ7J4Z	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	N/A	N/A
			N/A	N/A	N/A	21	N/A	<8	N/A	
JDQFNV	Yfiler® , Globalfiler	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8	2	
JMG2UT	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
JNDR8F	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
JNFGDY	GlobalFiler	3						10		
									2	
JUZ6ZB	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
K6FE3U	Yfiler® , GlobalFiler (Y indel)	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8	2	
K6TB7E	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
K7P2LL	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
KB2CRH	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15,OL	17	27	12
			11	18	15	21	12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

KLMKAJ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		NR		
KN9K9Z	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
KRQH4H	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
L3QXFK	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
L7J7EK	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
L986LB	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
LCPYAG	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
LEXMWG	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
LJU2RJ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
LLYUJW	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

LMPX9W	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
LMTG XK		3						10		
LPHPMN	PowerPlex® Y Fusion	3						10		
LQQ3LG	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
LQRVLB	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
LTXU4B	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	INC	17	27	12
			11	18	15	21	12	INC		
LZZ8X8	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
M727L3	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
MJP26N	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
MNZPPX	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

NAULTP	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	OL<8		
NYCE3T	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
P243AA	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
P6J3EA	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
P84L7D	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
PATF6K	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
PB7HXU	PowerPlex® Y Y23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
PCXKMU	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
PDQYZR	Globalfiler	3						10		
									2	
PDTTGC	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

PEMJMQ	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
PEPAUA	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
PKBYF6	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	6		
PLN423	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
PQD9KC	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
PQG4J6	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
PXFTXN	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
Q3A2LU	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
QAM8AK	GlobalFiler 3						10		
								2	
QBJ4UU	PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 3 - YSTR Results										
QBNNWJ	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
QCTMP4	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
QLFNYL	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6	2	
QLZ3VC	GlobalFiler	3						10		
									2	
QMCUQE	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	*		
QMH8CP	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
QVTBF3	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
QZ3MEN	Yfiler® , GlobalFiler (Y Indel Only)	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	<8	2	
R4XBF9	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NO PROFILE	NO PROFILE
			NO PROFILE	NO PROFILE	NO PROFILE	21	NO PROFILE	<8	NO PROFILE	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 3 - YSTR Results										
R6BE28	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
R9BHUF	PowerPlex® Y	3	15	14,16	12	30	22	10	11	14
			17	8	12					
REGEEF	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	OLA(6,113. 63 bp)	-	-
RFA6KU	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
RFCUQC	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
RFTETF	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
RG4QF7	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
RHF34F	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
RMPFLE	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

RQPRHE	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
T73HXR	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TC6YKE	Yfiler® , PowerPlexY23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6	not tested	
TCAB7P	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
TCRAG2	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TEDKJT	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TN3ZY4	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
TPADKC	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
TQNNEA	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	6		
TRH7ZJ	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

TWBU9G	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6	2	
TWRJGH	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
TWUH97	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
U2JCRP	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
UDTUH8	Yfiler® YFiler	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	-	-
			-	-	-	21	-	6	-	
UDXCF6	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
UKFFUY	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
UYXDT9	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
UZTT67	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
V4M6J3	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

V6KFF6	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
VC3GLM	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
VGAE4M	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	
VGDW9C	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
VM2LMV	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
VUWNN7	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
WCFT3	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
VZM2QU	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	-	-
		-	-	-	21	-	<8	-	
W46HLK	Yfiler® , PowerPlex® Y 23 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
W9EV3J	Yfiler® 3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	NA	NA
		NA	NA	NA	21	NA	<8	NA	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

WWZUMD	Fusion 3						10		
WYANLX	Yfiler® 3	15 17	14,16 8	12 12	30 20 21	22 15	10 17 <8	11	14
X29LAV	PowerPlex® Y 23 3	15 17 11	14,16 8 18	12 12 15	30 20 21	22 15 12	10 17 6	11 27	14 12
X8GZY8	3	15 17	14,16 8	12 12	30 20 21	22 15	10 17 <8	11	14
XAKL47	Yfiler® 3	15 17	14,16 8	12 12	30 20 21	22 15	10 17 <8	11	14
XCTT9K	Yfiler® 3	15 17	14,16 8	12 12	30 20 21	22 15	10 17 <8	11	14
XDJK8P	PowerPlex® Y 23 3	15 17 11	14,16 8 18	12 12 15	30 20 21	22 15 12	10 17 <8	11 27	14 12
XE3BFA	Yfiler® 3	15 17	14,16 8	12 12	30 20 21	22 15	10 17 <8	11	14
XFQ36K	GlobalFiler 3						10		
								2	
XMRWL8	Yfiler® 3	15 17	14,16 8	12 12	30 20 21	22 15	10 17 <8	11	14

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

XU93AL	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	NA	NA
			NA	NA	NA	21	NA	<8	NA	
XUQ9BW	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
XVJ27F	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
Y2PQAL	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
Y9PDEM	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		<8		
YANH3	Globalfiler	3						10		
									2	
YEVJ4J	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		
YEWK4	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17		
						21		6		
YHD442	Yfiler®	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	N/T	N/T
			N/T	N/T	N/T	21	N/T	<8	N/T	
YLT9KN	PowerPlex® Y 23	3	15	14,16	12	30	22	10	11	14
			17	8	12	20	15	17	27	12
			11	18	15	21	12	<8		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 3 - YSTR Results									
YMNLUG	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
YQ8GW9	PowerPlex® Y 23								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17	27	12
		11	18	15	21	12	<8		
YRXC7F	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
YX67FX	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZAHNR2	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZWR2DU	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZXKM9	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZXMCFN	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
ZZBVE2	Yfiler®								
	3	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 3e - YSTR Results									
C7J99U	Yfiler®								
	3e	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
JMGCVJ	Yfiler®								
	3e	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		6		
WR7ZPB	Yfiler®								
	3e	15	14,16	12	30	22	10	11	14
		17	8	12	20	15	17		
					21		<8		
XHV3DR	Yfiler®								
	3e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 3sp - YSTR Results										
C7J99U	Yfiler®									
	3sp	-	-	-	-	-	-	-	-	-
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JMGCVJ	Yfiler®									
	3sp	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17			
<hr/>										
WR7ZPB	Yfiler®									
	3sp	NR	NR	NR	NR	NR	NR	NR	NR	NR
		17	NR	NR	NR	NR	NR	NR		
<hr/>										
XHV3DR	Yfiler®									
	3sp	15	14,16	12	30	22	10	11	14	
		17	8	12	20	15	17			
<hr/>										
					21		<8			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4 - YSTR Results

2LM9LE	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
3QB8FZ	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
78QKFV	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
7DHUPU	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
7GFB4A	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
7UNAUV	PowerPlex® Y 23 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
84N4LY	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8AUXFU	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8XZL2V	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
A37ULW	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4 - YSTR Results

BNEREN	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
BTVRZW	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DNE4D6	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
EJDGZR	Yfiler® Plus 4	16		12	28	23	10	11	13
		16	10	11	20	15	16	24	11
			21	16	22		11		
ELKYYN	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
FN6B9D	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
HB79MM	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
HZ7J4Z	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	N/A	N/A
		N/A	N/A	N/A	22	N/A	11	N/A	
KLMKAJ	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LQQ3LG	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4 - YSTR Results

P84L7D	Yfiler®	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
PCXKMU	Yfiler®	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	NA	NA
			NA	NA	NA	22	NA	11	NA	
PLN423	Yfiler®	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
QLFNYL	PowerPlex® Y 23	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11	2	
RFA6KU	Yfiler®	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
TC6YKE	Yfiler® , PowerPlexY23	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11	not tested	
TCRAG2	Yfiler®	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
TPADKC	Yfiler®	4	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
TQNNEA	PowerPlex® Y 23	4	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
UDXCF6	Yfiler®	4	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4 - YSTR Results

VUWNN7	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
W9EV3J	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
X29LAV	PowerPlex® Y 23 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
XAKL47	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XU93AL	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
ZAHNR2	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
ZWR2DU	Yfiler® 4	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
ZZBVE2	Yfiler® 4	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

239WUN	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
2448VH	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
26ZKZ3	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
27XX2X	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
2KV6XD	Yfiler® , GlobalFiler								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11	2	
2PLJHE	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
2QH3JF	Yfiler® Applied Biosystems								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
2RAN2Q	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
2TNKHB	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
2XGKZD	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4e - YSTR Results									
2Z8QG4	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
2ZLCTQ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11			
32B6YT	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11			
3BZNLE	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
3PK4NE	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
3T3VME	PowerPlex® Y PowerPlex Y23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
3T62BJ	Yfiler®								
	4e								
3UYM7V	Yfiler®								
	4e								
3WXPKE	GlobalFiler								
	4e						10		
								2	
44HFWH	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

44K74Z	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
4FDLT2	Yfiler®								
	4e								
4HGGC6	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11			
4HJT43	PowerPlex® Y 23								
	4e								
4UUKX3	Yfiler®								
	4e								
63G3PF	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
64E99V	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	Not tested	Not tested
		Not tested	Not tested	Not tested	22	Not tested	11	Not tested	
64YG94	Yfiler®								
	4e								
66MKMC	PowerPlex® Y PPY23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
66UZA6	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

67H7G3	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
<hr/>									
68B4NA	Yfiler®								
	4e								
<hr/>									
6BWL8U	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
<hr/>									
6F9RM2	Yfiler®								
	4e								
<hr/>									
6LEKGW	Yfiler®								
	4e								
<hr/>									
6NKTZN	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
<hr/>									
6Q6WCT	PowerPlex® Y 23								
	4e								
<hr/>									
6WTPWL	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
<hr/>									
77FVZQ	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	n/a	n/a
		n/a	n/a	n/a	22	n/a	11	n/a	
<hr/>									
77XRKD	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

7C4KGU	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
7J68J8	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
7KFEXG	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
7KVBAU	Yfiler®								
	4e	16	14,14	12	28	23	10	NT	13
		16	[10]	NT	NT	15	16	N/A	N/A
		N/A	N/A	N/A	[22]	N/A	11	N/A	
7QL9RC	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
7UJRWW	PowerPlex® Y PXY23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
7YENDB	Yfiler®								
	4e	16	14	12	28	[23]	10	[11]	13
		16	10	11	20	15	16		
					22		11		
83THT8	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
848FBC	Yfiler®								
	4e								
87TUML	Yfiler®								
	4e								

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

8CW7UX	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8GQRFD	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8GRHMW	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
8KP4CD	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8NTAXR	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8RD4YY	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8XED7Q	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
96UBDB	Globalfiler								
	4e						10		
								2	
979D7J	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
97MYFL	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

9CF92X	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9DQBNW	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9EXTLT	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9P4BKQ	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9R7YR8	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
9V97MY	PowerPlex® Y 23 4e								
9Y8GHY	PowerPlex® Y 23 4e								
9YP3YB	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
ABDNHB	PowerPlex® Y PPY23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
ADNBE4	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

AMWB26	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
APX7BE	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	NR	NR	20	15	16		
				22			11		
AR4EWR	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
AV2U9L	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
AV4A9K	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
BEGLQH	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
BG2TTQ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
BGF3XK	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
BQNNR7	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
BR4NCV	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

BREV9W	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
BRHDCM	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	-
BRK8U8	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
BUMF8B	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
BWE2TU	Yfiler® 4e								
C3FDPQ	Yfiler® 4e	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT	NT	NT	NT	NT	NT
C7J99U	Yfiler® 4e	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
CFM2KM	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
CGEM76	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
CM74P4	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

CMHLGV	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
CQ296T	PowerPlex® Y 23								
	4e								
D2VQBL	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
D46YFZ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
D7V37L	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DBQ2UC	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DHMNCG	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DMVMVG	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DTPCK2	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DUJ3QF	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 4e - YSTR Results									
DZ6MKZ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
DZLF6P	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
E2UD3J	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
ECEPTR	PowerPlex® Y 23								
	4e	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT	NT	NT	NT		
<hr/>									
EKQJWK	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
EPM9CR	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
ET6ZEZ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
ETXLUQ	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
<hr/>									
EXW3M8	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
<hr/>									
F33TAP	Yfiler®								
	4e								

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 4e - YSTR Results									
F3L7PA	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
F4JZGT	Yfiler®								
	4e								
F7M8RR	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
FALHMR	PowerPlex® Y 23								
	4e								
FBH2NT	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
FGHHD	Yfiler®								
	4e								
FHYEPD	Yfiler®								
	4e								
FLVQD4	GlobalFiler								
	4e						10		
								2	
FPEDYH	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
FZYXQM	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

G93YDE	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
GCP7NF	Yfiler®								
	4e								
GF9QNX	Yfiler® , GlobalFiler (Y Indel)								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11	2	
GFM3KG	Yfiler®								
	4e	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
GHATCD	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
GTB449	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	-
GU43AU	Fusion								
	4e						NR		
H972KX	GlobalFiler								
	4e						[10]		
								[2]	
HBTKNG	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
HC3Z3V	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

HCK9TB	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
HCZVHY	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
HJ4CXR	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11			
HX4KT9	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
HYFFEZ	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
JDQFNV	Yfiler® , Globalfiler								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11	2		
JMG2UT	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
JMGCVJ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22		11			
JNDR8F	Yfiler®								
	4e								
JNFGDY	GlobalFiler								
	4e						10		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

JUZ6ZB	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
K6FE3U	Yfiler® , GlobalFiler (Y indel)								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11	2	
K6TB7E	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
K7P2LL	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
KB2CRH	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
KN9K9Z	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
KRQH4H	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
L3QXFK	PowerPlex® Y 23								
	4e								
L7J7EK	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
L986LB	Yfiler®								
	4e								

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

LCPYAG	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LEXMWG	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LJU2RJ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LLYUJW	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
LMPX9W	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LMTGXX	4e						10		
LPHPMN	PowerPlex® Y Fusion								
	4e								
LQRVLB	Yfiler®								
	4e								
LTXU4B	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
LZZ8X8	PowerPlex® Y 23								
	4e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

M727L3	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
MJP26N	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
MNZPPX	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
NAULTP	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
NYCE3T	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
P243AA	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
P6J3EA	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
PATF6K	PowerPlex® Y 23								
	4e								
PB7HXU	PowerPlex® Y Y23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
PDQYZR	Globalfiler								
	4e						10		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

PDTTGC	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
PEMJMQ	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
PEPAUA	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
PKBYF6	PowerPlex® Y 23								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
PQD9KC	Yfiler®								
	4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
PQG4J6	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
PXFTXN	Yfiler®								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
				22			11		
Q3A2LU	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
QAM8AK	GlobalFiler								
	4e						10		
								2	
QBJ4UU	PowerPlex® Y 23								
	4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4e - YSTR Results									
QBNNWJ	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	[19],21	16	22	12	11		
QCTMP4	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
QLZ3VC	GlobalFiler 4e						10		
								2	
QMCUQE	PowerPlex® Y 23 4e	-	-	12	-	23	10	-	13
		-	-	-	-	-	16	24	-
		-	21	16	22	-	-		
QMH8CP	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
QZ3MEN	Yfiler® , GlobalFiler (Y Indel Only) 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	2	
R4XBF9	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	NO PROFILE	NO PROFILE
		NO PROFILE	NO PROFILE	NO PROFILE	22	NO PROFILE	11	NO PROFILE	
R6BE28	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
REGEEF	Yfiler® 4e	16	14	12	28	23	10	11	13
		NR	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

RFCUQC	Yfiler® 4e								
RFTETF	PowerPlex® Y 23 4e								
RG4QF7	Yfiler® 4e								
RHF34F	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
RMPFLE	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
RQPRHE	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
T73HXR	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TCAB7P	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
TEDKJT	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TN3ZY4	Yfiler® 4e								

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 4e - YSTR Results									
TRH7ZJ	Yfiler® 4e								
TWBU9G	Yfiler® 4e		14	12		23	10		13
		16	10	11	20	15	16		
					22			2	
TWRJGH	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
TWUH97	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TZF3HF	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
U2JCRP	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
UDTUH8	Yfiler® YFiler 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
UKFFUY	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
UYXDT9	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
UZTT67	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

V4M6J3	Yfiler® 4e								
V6KFF6	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13
VC3GLM	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13
VGAE4M	Yfiler® 4e	16 16 NA	14 10 NA	12 11 NA	28 20 22	23 15 NA	10 16 11	11 NA NA	13 NA NA
VGDW9C	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13
VM2LMV	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13
WCFT3	Yfiler® 4e	16 16	14,14 10	12 11	28 20 22	23 15	10 16 11	11	13
VZM2QU	Yfiler® 4e	16 16 -	14 10 -	12 11 -	28 20 22	23 15 -	10 16 11	11 - -	13 - -
W46HLK	PowerPlex® Y 23 4e	16 16 12	14 10 21	12 11 16	28 20 22	23 15 12	10 16 11	11 24	13 11
WR7ZPB	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

WWZUMD	Fusion 4e							10	
WYANLX	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13
X8GZY8	Yfiler® 4e								
XCTT9K	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13
XDJK8P	PowerPlex® Y 23 4e	16 16 12	14 10 21	12 11 16	28 20 22	23 15 12	10 16 11	11 24	13 11
XE3BFA	Yfiler® 4e	16 16	14,14 10	12 11	28 20 22	23 15	10 16 11	11	13
XFQ36K	GlobalFiler 4e						10		
								2	
XHV3DR	Yfiler® 4e								
XMRWL8	Yfiler® 4e	16 16	14,14 10	12 11	28 20 22	23 15	10 16 11	11	13
XUQ9BW	Yfiler® 4e	16 16	14 10	12 11	28 20 22	23 15	10 16 11	11	13

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

XVJ27F	PowerPlex® Y 23 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
Y2PQAL	Yfiler® 4e	16	14	12	28	23		11	13
		16	10	11	20	15	16		
					22		11		
Y9PDEM	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
YANH3	Globalfiler 4e						(10)		
								(2)	
YEVJ4J	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
YEWDK4	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
YHD442	Yfiler® 4e	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	N/T	N/T
		N/T	N/T	N/T	22	N/T	11	N/T	
YLT9KN	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
YMNLU6	Yfiler® 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
YQ8GW9	PowerPlex® Y 23 4e	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4e - YSTR Results										
YRXC7F	Yfiler®									
	4e	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
YX67FX	Yfiler®									
	4e									
ZXKKM9	Yfiler®									
	4e	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
ZXMCFN	Yfiler®									
	4e	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
239WUN	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
2448VH	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
26ZKZ3	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
27XX2X	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
2KV6XD	Yfiler® , GlobalFiler 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11	2		
2PLJHE	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	NA	NA	
		NA	NA	NA	22	NA	11	NA		
2QH3JF	Yfiler® Applied Biosystems 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	-	-	
		-	-	-	22	-	11	-		
2RAN2Q	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
2TNKHB	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
2XGKZD	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

2Z8QG4	PowerPlex® Y 23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
2ZLCTQ	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
32B6YT	Yfiler®	4sp	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
3BZNLE	PowerPlex® Y 23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
3PK4NE	PowerPlex® Y 23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
3T3VME	PowerPlex® Y PowerPlex Y23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
3T62BJ	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
3UYM7V	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
3WXPKE	GlobalFiler	4sp						10		
									2	
44HFWH	PowerPlex® Y 23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

44K74Z	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
4FDLT2	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
4HGGC6	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
4HJT43	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
4UUKX3	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
63G3PF	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
64E99V	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	Not tested	Not tested
		Not tested	Not tested	Not tested	22	Not tested	11	Not tested	
64YG94	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
66MKMC	PowerPlex® Y PPY23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
66UZA6	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

67H7G3	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
68B4NA	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
6BWL8U	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
6F9RM2	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
6LEKGW	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
6NKTZN	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
6Q6WCT	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
6WTPWL	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
77FVZQ	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	n/a	n/a
		n/a	n/a	n/a	22	n/a	11	n/a	
77XRKD	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
7C4KGU	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
7J68J8	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
7KFEXG	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
7KVBAU	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16	N/A	N/A	
		N/A	N/A	N/A	22	N/A	11	N/A		
7QL9RC	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
7UJRWW	PowerPlex® Y PXY23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
7YENDB	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
83THT8	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
848FBC	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
87TUML	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

8CW7UX	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8EJERK	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8GQRFD	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8GRHMW	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
8KP4CD	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8NTAXR	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8RD4YY	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
8UER92	PowerPlex Fusion 4sp						10		
8XED7Q	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
96UBDB	Globalfiler 4sp						10		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
979D7J	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
97MYFL	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9CF92X	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9DQBNW	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9EXTLT	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9P4BKQ	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
9R7YR8	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
9V97MY	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
9Y8GHY	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
9YP3YB	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

ABDNHB	PowerPlex® Y PPY23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
ADNBE4	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
AMWB26	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
APX7BE	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
AR4EWR	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	-	-
			-	-	-	22	-	11	-	
AV2U9L	Yfiler®	4sp	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
AV4A9K	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
BEGLQH	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
BG2TTQ	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
BGF3XK	Yfiler®	4sp	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
BQNNR7	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
BR4NCV	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
BREV9W	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
BRHDCM	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16	-	-	
		-	-	-	22	-	11	-		
BRK8U8	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
BUMF8B	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
BWE2TU	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
C3FDPQ	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16	NT	NT	
		NT	NT	NT	22	NT	11	2		
C7J99U	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
CFM2KM	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
CGEM76	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
CM74P4	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
CMHLGV	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
CQ296T	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
D2VQBL	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
D46YFZ	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
D7V37L	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DBQ2UC	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DHMNCG	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DMVMVG	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
DTPCK2	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DUJ3QF	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DZ6MKZ	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
DZLF6P	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
E2UD3J	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
ECEFTR	PowerPlex® Y 23								
	4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
EFE4D3									
	4sp	-	-	-	-	-	10	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	2	
EKQJWK	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
EPM9CR	Yfiler®								
	4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
ET6ZEZ									
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

ETXLUQ	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
EXW3M8	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
F33TAP	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
F3L7PA	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
F4JZGT	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
F7M8RR	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
FALHMR	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
FBH2NT	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
FGHHD	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
FHYEPD	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

FLVQD4	GlobalFiler 4sp							10	
									2
FPEDYH	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
FZYXQM	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
G93YDE	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
GCP7NF	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
GF9QNX	Yfiler® , GlobalFiler (Y Indel) 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11	2	
GFM3KG	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	-
GHATCD	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
GTB449	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	-
GU43AU	Fusion 4sp						10		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

H972KX	GlobalFiler								
	4sp						10		
								2	
HBTKNG	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
HC3Z3V	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
HCK9TB	PowerPlex® Y 23								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
HCZVHY	PowerPlex® Y 23								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
HJ4CXR	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
HX4KT9	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
HYFFEZ	PowerPlex® Y 23								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
JDQFNV	Yfiler® , Globalfiler								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11	2	
JMG2UT	PowerPlex® Y 23								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
JMGCVJ	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
JNDR8F	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
JNFGDY	GlobalFiler 4sp						10		
								2	
JUZ6ZB	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
K6FE3U	Yfiler® , GlobalFiler (Y indel) 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11	2	
K6TB7E	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
K7P2LL	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
KB2CRH	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
KN9K9Z	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
KRQH4H	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

L3QXFK	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
L7J7EK	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
L986LB	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LCPYAG	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LEXMWG	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LJU2RJ	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LLYUJW	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
LMPX9W	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LMTG XK	4sp						10		
LPHPMN	PowerPlex® Y Fusion 4sp						10		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

LQRVLB	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
LTXU4B	PowerPlex® Y 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
LZZ8X8	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
M727L3	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
MJP26N	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
MNZPPX	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
NAULTP	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
NYCE3T	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
P243AA	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
P6J3EA	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

PATF6K	PowerPlex® Y 23	4sp	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
PB7HXU	PowerPlex® Y Y23	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
PDQYZR	Globalfiler	4sp						10		
									2	
PDTTGC	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
PEMJMQ	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
PEPAUA	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
PKBYF6	PowerPlex® Y 23	4sp	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16	24	11
			12	21	16	22	12	11		
PQD9KC	Yfiler®	4sp	16	14,14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
PQG4J6	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		
PXFTXN	Yfiler®	4sp	16	14	12	28	23	10	11	13
			16	10	11	20	15	16		
						22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

Q3A2LU	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
QAM8AK	GlobalFiler 4sp						10		
								2	
QBJ4UU	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
QBNNWJ	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
QCTMP4	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
QLZ3VC	GlobalFiler 4sp						10		
								2	
QM CUQE	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
QMH8CP	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
QVTBF3	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
QZ3MEN	Yfiler® , GlobalFiler (Y Indel Only) 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
R4XBF9	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	no profile	NO PROFILE	NO PROFILE
		NO PROFILE	NO PROFILE	NO PROFILE	22	NO PROFILE	11	NO PROFILE	
R6BE28	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
R9BHUF	PowerPlex® Y 4sp	16	14,14	12	28	23	10	11	13
		16	10	11					
REGEEF	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
RFCUQC	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
RFTETF	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
RG4QF7	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
RHF34F	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
RMPFLE	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
RQPRHE	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
T73HXR	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TCAB7P	PowerPlex® Y 23								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
TEDKJT	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TN3ZY4	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TRH7ZJ	Yfiler®								
	4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TWBU9G	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11	2	
TWRJGH	PowerPlex® Y 23								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
TWUH97	Yfiler®								
	4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
TZF3HF	Yfiler®								
	4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
U2JCRP	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
UDTUH8	Yfiler® YFiler 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	
UKFFUY	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
UYXDT9	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
UZTT67	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
V4M6J3	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
V6KFF6	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
VC3GLM	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
VGAE4M	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	NA	NA
		NA	NA	NA	22	NA	11	NA	
VGDW9C	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
VM2LMV	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
WCFT3	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
VZM2QU	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	-	-
		-	-	-	22	-	11	-	-
W46HLK	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
WR7ZPB	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
WWZUMD	Fusion 4sp						10		
WYANLX	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
X8GZY8	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XCTT9K	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XDJK8P	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

XE3BFA	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XFQ36K	GlobalFiler 4sp						10		
								2	
XHV3DR	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XMRWL8	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XUQ9BW	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
XVJ27F	PowerPlex® Y 23 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		
Y2PQAL	Yfiler® 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
Y9PDEM	Yfiler® 4sp	16	14,14	12	28	23	10	11	13
		16	10	11	20	15	16		
					22		11		
YANH3	Globalfiler 4sp						10		
								2	
YEVJ4J	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13
		16	10	11	20	15	16	24	11
		12	21	16	22	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
YEWDK4	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
YHD442	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16	N/T	N/T	
		N/T	N/T	N/T	22	N/T	11	N/T		
YLT9KN	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
YMNLU6	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
YQ8GW9	PowerPlex® Y 23 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16	24	11	
		12	21	16	22	12	11			
YRXC7F	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
YX67FX	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
ZXKKM9	Yfiler® 4sp	16	14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			
ZXMCFN	Yfiler® 4sp	16	14,14	12	28	23	10	11	13	
		16	10	11	20	15	16			
					22		11			

Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
AMEL	4HG6C6			X,Y					
CSF1PO	4HG6C6			11					
D13S317	4HG6C6			11,12					
D16S539	4HG6C6			9,12					
D18S51	4HG6C6			17,18					
D19S433	4HG6C6			15.2,16.2					
D21S11	4HG6C6			28,30					
D2S1338	4HG6C6			17,22					
D3S1358	4HG6C6			18					
D5S818	4HG6C6			11,12					
D6S1043	64YG94	12,20	9,12	9,12				10,12,19,20	10,19
	66UZA6	12,20	9,12	9,12				10,[12],19,[20]	10,19
	CGZLDW	12,20	9,12	9,12				10,12,19,20	10,19
	D2YAGX	12,20	9,12	9,12		10,12,19,20			
	DFJNKW	12,20	9,12	9,12				10,12,19,20	10,19
	F4JZGT	12,20	9,12	9,12				10,12,19,20	10,19
	MTUG4L	12,20	9,12	9,12				10,12,20	10,19
	VVUK9F	12,20	9,12	9,12				[10],12,[19],20	10,19
	WMJHME	12,20	9,12	9,12				12,20	10,19
	ZD29MB	12,20	9,12	9,12				10,12,20	10,19
D7S820	4HG6C6			10,12					
D8S1179	4HG6C6			12,14					
DYS391	2NULA8	N/A	10	10				10	10
	4BXN8D		10	10				[10]	10
	4V7G38		10	10				10	10
	63G3PF		10						
	848FBC							[10]	
	887Q8C		10						
	AQULMB		10						
	E3RWK9		10						
	GVJGJP		10	10				10	10
	JPMJTP		10	10				10	10
	K2FAAM		10	10				10	10
	LMTG XK		10	10				10	10
	MDX2LL		10						

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DYS391 cont'd	MJP26N	No results	10	10				[10]	10
	NAULTP		10	10				10	10
	NJK7YM		10	10				10	10
	PVDMMN		10	10					10
	Q2ELCJ	no result	10	10				10	10
	QV8TGM		10	10					10
	R7NYTG		10	10					10
	WCE3NG		10	10					10
	WJFEKD		10	10				10	10
	XFBFVJ		10	10				[10]	10
	XLJA4G		10	10				10	10
	YJAJEC		10						
	YVYNFG				10				10
DYS391 (Fusion)	JMG2UT		10	10				10	10
	PBK7YK		10	10					10
	W46HLK	No Result	10						
	YMNUG	NR	10						
DYS391 (Globalfiler)	RK7RHN	-	10	10			(10)	10	
DYS391 (PP Fusion)	TWRJGH		10	10			10	10	
FGA	4HG6C6			21,22					
TH01	4HG6C6			7					
TPOX	4HG6C6			6,7					
vWA	4HG6C6			15,17					
YINDEL	848FBC		2	2				[2]	2
	887Q8C		2						
Y-indel (Globalfiler)	RK7RHN	-	2	2			(2)	2	

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16069.0	16126.0	16482.0	16538.0
ITEM 1				
2LM9LE	T	C		
3T62BJ	T	C		
77V2DU	T	C		
7GFB4A	T	C		
8AUXFU	T	C		
92F9FZ	T	C		
BRHDCM	T	C		
CKYCNW	T	C		
CNBJP2	T	C		
DNE4D6	T	C		
F4EWWN	T	C		
FV4VAN	T	C		
H26TXH	T	C		N
HZ7J4Z	T	C		
KLMKAJ	T	C		
LDJ37R	T	C		
LMPX9W	T	C		
LNM82E	T	C		
LQQ3LG	T	C		
PCXKMU	T	C		
QH69XB	T	C		
RMPFLE	T	C		
TC6YKE	T	C		
VUWNN7	T	C		
W9EV3J	T	C		
X6RGA3	T	C		
X6U4RG	T	C		
XAKL47	T	C		
XU93AL	T	C		
YFLCPA	T	C		
ZYDHVE	T	C		
ZZBVE2	T	C	N	

Mitochondrial DNA - HVRI Results

TABLE 5b - ITEM 2

Polymorphisms from Reference Sequence

	16126.0	16186.1	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16311.0	16519.0
ITEM 2										
2LM9LE	C		T	C	T	T	T	T	C	
3T62BJ	C		T	C	T	T	T	T	C	
77V2DU	C		T	C	T	T	T	T	C	
7GFB4A	C		T	C	T	T	T	T	C	
8AUXFU	C		T	C	T	T	T	T	C	
92F9FZ	C		T	C	T	T	T	T	C	
BRHDCM	C		T	C	T	T	T	T	C	
CKYCNW	C		T	C	T	T	T	T	C	
CNBJP2	C		T	C	T	T	T	T	C	C
DNE4D6	C		T	C	T	T	T	T	C	
F4EWWN	C		T	C	T	T	T	T	C	C
FV4VAN	C		T	C	T	T	T	T	C	C
H26TXH	C		T	C	T	T	T	T	C	C
HZ7J4Z	C		T	C	T	T	T	T	C	
KLMKAJ	C		T	C	T	T	T	T	C	C
LDJ37R	C	T		:	T	T	T	T	C	C
LMPX9W	C		T	C	T	T	T	T	C	
LMN82E	C		T	C	T	T	T	T	C	
LQQ3LG	C		T	C	T	T	T	T	C	C
PCXKMU	C		T	C	T	T	T	T	C	
QH69XB	C		T	C	T	T	T	T	C	C
RMPFLE	C		T	C	T	T	T	T	C	
TC6YKE	C		T	C	T	T	T	T	C	
VUWNN7	C		T	C	T	T	T	T	C	C
W9EV3J	C		T	C	T	T	T	T	C	
X6RGA3	C		T	C	T	T	T	T	C	C
X6U4RG	C		T	C	T	T	T	T	C	C
XAKL47	C		T	C	T	T	T	T	C	C
XU93AL	C		T	C	T	T	T	T	C	
YFLCPA	C		T	C	T	T	T	T	C	
ZYDHVE	C		T	C	T	T	T	T	C	C
ZZBVE2	C		T	C	T	T	T	T	C	

Mitochondrial DNA - HVRI Results

TABLE 5c - ITEM 3

Polymorphisms from Reference Sequence

	16126.0	16187.0	16189.0	16223.0	16224.0	16264.0	16270.0	16278.0	16311.0	16519.0
ITEM 3										
2LM9LE	C	T	C	T		T	T	T	C	
3T62BJ	C	T	C	T		T	T	T	C	
77V2DU	C	T	C	T		T	T	T	C	
7GFB4A	C	T	C	T	T		T	T	C	
8AUXFU	C	T	C	T		T	T	T	C	
92F9FZ	C	T	C	T		T	T	T	C	
BRHDCM	C	T	C	T		T	T	T	C	
CKYCNW	C	T	C	T		T	T	T	C	
CNBJP2	C	T	C	T		T	T	T	C	
DNE4D6	C	T	C	T		T	T	T	C	
F4EWN	C	T	C	T		T	T	T	C	C
FV4VAN	C	T	C	T		T	T	T	C	
H26TXH	C	T	C	T		T	T	T	C	C
HZ7J4Z	C	T	C	T		T	T	T	C	
KLMKAJ	C	T	C	T		T	T	T	C	C
LMPX9W	C	T	C	T		T	T	T	C	
LNMB82E	C	T	C	T		T	T	T	C	
LQQ3LG	C	T	C	T		T	T	T	C	C
PCXKMU	C	T	C	T		T	T	T	C	
QH69XB	C	T	C	T		T	T	T	C	
RMPFLE	C	T	C	T		T	T	T	C	
TC6YKE	C	T	C	T		T	T	T	C	
VUWNN7	C	T	C	T		T	T	T	C	C
W9EV3J	C	T	C	T		T	T	T	C	
X6RGA3	C	T	C	T		T	T	T	C	C
X6U4RG	C	T	C	T		T	T	T	C	
XAKL47	C	T	C	T		T	T	T	C	C
XU93AL	C	T	C	T		T	T	T	C	
YFLCPA	C	T	C	T		T	T	T	C	
ZYDHVE	C	T	C	T		T	T	T	C	
ZZBVE2	C	T	C	T		T	T	T	C	

Mitochondrial DNA - HVRI Results

TABLE 5d - ITEM 4

Polymorphisms from Anderson Reference

No Mitochondrial DNA Results were reported by participants for this Item.

Mitochondrial DNA - HVRI Results

TABLE 5e

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2LM9LE	16003-16385	16001-16385	16000-16386	NA
3T62BJ	16001-16390	15998-16390	15998-16390	
77V2DU	16024-16391	16024-16391	16024-16391	Inc
7GFB4A	16000-16385	16003-16385	16003-16385	NA
8AUXFU	16000-16418	16000-16418	16000-16418	
92F9FZ	15998-16404	15998-16404	16006-16404	
BRHDCM	1599-16400	15994-16399	15994-16400	
CKYCNW	16004-16404	16004-16404	16004-16404	
CNBJP2	16001-16569	16001-16569	16001-16382	Not Reported
DNE4D6	16015-16385	16017-16385	16015-16385	NA
F4EWWN	16024-16569	16024-16569	16024-16569	Inc
FV4VAN	16024-16569	16024-16569	16024-16391	Inc
H26TXH	16024-16544	16024-16569	16024-16569	Inc
HZ7J4Z	16024-16366	16024-16365	16000-16386	N/A
KLMKAJ	16024-16569	16024-16569	16024-16569	Inc
LDJ37R	16001-16569	16001-16569		
LMPX9W	16003-16390	16003-16390	16000-16387	
LNMB2E	16024-16445	16024-16515, 16558-16569	16024-16515, 16558-16569	Inc
LQQ3LG	16024-16569	16024-16569	16024-16569	Inc
PCXKMU	16005-16366	16005-16385	16005-16385	NA
QH69XB	16024-16569	16024-16569	16024-16391	Inc
RMPFLE	16006-16390	16000-16390	16001-16384	
TC6YKE	16024-16390	16024-16390	16024-16390	not tested - mixture
VUWNN7	16024-16569	16024-16569	16024-16569	see comments
W9EV3J	16003-16386	16015-16386	16000-16386	NA
X6RGA3	16024-16569	16024-16569	16024-16569	Inc
X6U4RG	16001-16569	16001-16569	16001-16381	Not Reported
XAKL47	16024-16569	16024-16569	16024-16569	INCONCLUSIVE
XU93AL	16016-16385	16016-16386	16016-16386	NA
YFLCPA	15998-16404	15998-16404	15998-16404	
ZYDHVE	16001-16569	16001-16569	16001-16387	
ZZBVE2	16024-16493; 16558-16569	16024-16469; 16558-16569	16024-16502; 16552-16569	Inconclusive- due to mixture

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	-315.1	-309.1	73.0	185.0	263.0	295.0	309.1	315.1	404.0	462.0	489.0	527.0
ITEM 1												
2LM9LE			G	A	G	T	C	C				
3T62BJ			G	A	G	T	C	C				
77V2DU			G	A	G	T	C	C		T		
7GFB4A			G	A	G	T	C	C				
8AUXFU			G	A	G	T	C	C				
92F9FZ			G	A	G	T	C	C				
BRHDCM			G	A	G	T	C	C				
CKYCNW			G	A	G	T	C	C				
CNBJP2			G	A	G	T	C	C		T	C	
DNE4D6			G	A	G	T	C	C				
F4EWWN			G	A	G	T	C	C		T	C	
FV4VAN			G	A	G	T	C	C		T	C	
H26TXH			G	A	G	T	C	C	N	T	C	N
HZ7J4Z			G	A	G	T	C	C				
KLMKAJ			G	A	G	T	C	C		T	C	
LDJ37R			G	A	G	T	C	C				
LMPX9W			G	A	G	T	C INS.	C INS.				
LNM82E			G	A	G	T	C	C		T	C	
LQQ3LG			G	A	G	T	C	C		T	C	
PCXKMU			G	A	G	T	C	C				
QH69XB			G	A	G	T	C	C		T	C	
RMPFLE			G	A	G	T	C	C				
TC6YKE	C	C	G	A	G	T						
VUWNN7			G	A	G	T	C	C		T	C	
W9EV3J			G	A	G	T	C	C				
X6RGA3			G	A	G	T	C	C		T	C	
X6U4RG			G	A	G	T	C	C		T	C	
XAKL47			G	A	G	T	C	C		T	C	
XU93AL			G	A	G	T	C	C				
YFLCPA			G	A	G	T	C	C				
ZYDHVE			G	A	G	T	C	C		T	C	
ZZBVE2			G	A	G	T	C	C		T	C	

Mitochondrial DNA - HVRII Results

TABLE 6b - ITEM 2

Polymorphisms from Reference Sequence

	-315.1	73.0	151.0	152.0	152.1	182.0	185.0	195.0	247.0	263.0	315.1	357.0	502.0	523.0	524.0
ITEM 2															
2LM9LE		G	T	C		T	T	C	A	G	C	G			
3T62BJ		G	T	C		T	T	C	A	G	C	G			
77V2DU		G	T	C		T	T	C	A	G	C	G			
7GFB4A		G	T	C		T	T	C	A	G	C	G			
8AUXFU		G	T	C		T	T	C	A	G	C	G			
92F9FZ		G	T	C		T	T	C	A	G	C	G			
BRHDCM		G	T	C		T	T	C	A	G	C	G			
CKYCNW		G	T	C		T	T	C	A	G	C	G			
CNBJP2		G	T	C		T	T	C	A	G	C	G		D	D
DNE4D6		G	T	C		T	T	C	A	G	C	G			
F4EWWN		G	T	C		T	T	C	A	G	C	G		-	-
FV4VAN		G	T	C		T	T	C	A	G	C	G		-	-
H26TXH		G	T	C		T	T	C	A	G	C	G		-	-
HZ7J4Z		G	T	C		T	T	C	A	G	C	G			
KLMKAJ		G	T	C		T	T	C	A	G	C	G		D	D
LDJ37R		G	:		C	T	T	C	A	G	C	G			
LMPX9W		G	T	C		T	T	C	A	G	C INS.	G			
LNMB82E		G	T	C		T	T	C	A	G	C	G		-	-
LQQ3LG		G	T	C			T	C	A	G	C	G		-	-
PCXKMU		G	T	C		T	T	C	A	G	C	G			
QH69XB		G	T	C		T	T	C	A	G	C	G		-	-
RMPFLE		G	T	C		T	T	C	A	G	C	G			
TC6YKE	C	G	T	C		T	T	C	A	G		G			
VUWNN7		G	T	C		T	T	C	A	G	C	G		D	D
W9EV3J		G	T	C		T	T	C	A	G	C	G			
X6RGA3		G	T	C		T	T	C	A	G	C	G		DEL	DEL
X6U4RG		G	T	C		T	T	C	A	G	C	G		D	D
XAKL47		G	T	C		T	T	C	A	G	C	G		-	-
XU93AL		G	T	C		T	T	C	A	G	C	G			
YFLCPA		G	T	C		T	T	C	A	G	C	G			
ZYDHVE		G	T	C		T	T	C	A	G	C	G		D	D
ZZBVE2		G	T	C		T	T	C	A	G	C	G	N	-	-

Mitochondrial DNA - HVRII Results

TABLE 6c - ITEM 3

Polymorphisms from Reference Sequence

	-315.1	73.0	151.0	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0	523.0	524.0
ITEM 3													
2LM9LE		G	T	C	T	T	C	A	G	C	G		
3T62BJ		G	T	C	T	T	C	A	G	C	G		
77V2DU		G	T	C	T	T	C	A	G	C	G		
7GFB4A		G	T	C	T	T	C	A	G	C	G		
8AUXFU		G	T	C	T	T	C	A	G	C	G		
92F9FZ		G	T	C	T	T	C	A	G	C	G		
BRHDCM		G	T	C	T	T	C	A	G	C	G		
CKYCNW		G	T	C	T	T	C	A	G	C	G		
CNBJP2		G	T	C	T	T	C	A	G	C	G		
DNE4D6		G	T	C	T	T	C	A	G	C	G		
F4EWWN		G	T	C	T	T	C	A	G	C	G	-	-
FV4VAN		G	T	C	T	T	C	A	G	C	G		
H26TXH		G	T	C	T	T	C	A	G	C	G	-	-
HZ7J4Z		G	T	C	T	T	C	A	G	C	G		
KLMKAJ		G	T	C	T	T	C	A	G	C	G	D	D
LMPX9W		G	T	C	T	T	C	A	G	C INS.	G		
LNMB82E		G	T	C	T	T	C	A	G	C	G	-	-
LQQ3LG		G	T	C	T	T	C	A	G	C	G	-	-
PCXKMU		G	T	C	T	T	C	A	G	C	G		
QH69XB		G	T	C	T	T	C	A	G	C	G		
RMPFLE		G	T	C	T	T	C	A	G	C	G		
TC6YKE	C	G	T	C	T	T	C	A	G		G		
VUWNN7		G	T	C	T	T	C	A	G	C	G	D	D
W9EV3J		G	T	C	T	T	C	A	G	C	G		
X6RGA3		G	T	C	T	T	C	A	G	C	G	DEL	DEL
X6U4RG		G	T	C	T	T	C	A	G	C	G		
XAKL47		G	T	C	T	T	C	A	G	C	G	-	-
XU93AL		G	T	C	T	T	C	A	G	C	G		
YFLCPA		G	T	C	T	T	C	A	G	C	G		
ZYDHVE		G	T	C	T	T	C	A	G	C	G		
ZZBVE2		G	T	C	T	T	C	A	G	C	G	-	-

Mitochondrial DNA - HVRII Results

TABLE 6d - ITEM 4

Polymorphisms from Anderson Reference

No Mitochondrial DNA Results were reported by participants for this Item.

Mitochondrial DNA - HVR II Results

TABLE 6e

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2LM9LE	51-399	51-399	52-399	NA
3T62BJ	51-407	49-407	49-407	
77V2DU	35-464	35-464	35-464	Inc
7GFB4A	55-384	52-383	56-399	NA
8AUXFU	26-418	26-418	26-418	
92F9FZ	49-407	49-407	49-400	
BRHDCM	35-409	35-409	35-409	
CKYCNW	49-407	49-407	55-407	
CNBJP2	1-526	1-532	39-368	Not Reported
DNE4D6	55-399	55-399	56-399	NA
F4EWWN	1-526	1-526	1-546	Inc
FV4VAN	1-576	1-576	35-369	Inc
H26TXH	39-560	1-576	1-531	Inc
HZ7J4Z	73-399	73-399	52-399	N/A
KLMKAJ	1-526	1-531	1-531	Inc
LDJ37R	1-390	1-390		
LMPX9W	52-407	49-407	51-399	
LNJ82E	39-526	1-531	1-531	Inc
LQQ3LG	1-576	1-576	1-576	Inc
PCXKMU	66-383	54-383	54-399	NA
QH69XB	1-576	1-576	35-369	Inc
RMPFLE	50-405	50-407	50-406	
TC6YKE	57-357	57-357	57-357	not tested - mixture
VUWNN7	1-576	1-576	1-576	see comments
W9EV3J	52-400	73-382	52-400	NA
X6RGA3	1-576	1-576	1-576	Inc
X6U4RG	1-541	1-541	50-361	Not Reported
XAKL47	1-576	1-576	1-576	INCONCLUSIVE
XU93AL	52-399	49-407	52-399	NA
YFLCPA	49-407	49-407	49-407	
ZYDHVE	1-526	1-531	39-368	
ZZBVE2	1-526	1-531	1-531	Inconclusive- due to mixture

DNA Interpretations

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

TABLE 7

WebCode	<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
239WUN	No	Yes	Yes	No	2Z8QG4	No	Yes	Yes	No
2448VH	No	Yes	Yes	No	2ZLCTQ	No	Yes	Yes	No
24QZA2	No	Yes	Yes	No	32B6YT	No	Yes	Yes	No
26ZKZ3	No	Yes	Yes	No	379LD9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
27XX2X	No	Yes	Yes	No	38KNBL	No	Yes	Yes	No
29W46M	No	Yes	Yes	No	3BZNLE	No	Yes	Yes	No
2CFLFY	No	Yes	Yes	No	3D7KDB	No	Yes	Yes	No
2FHY8C	No Interpretations Reported, DNA Analyzed for Database purposes only.				3FE6DR	No	Yes	Yes	No
2KV6XD	No	Yes	Yes	No	3JAN2N	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2LM9LE	No	Inc	Yes	No	3JD8PR	No	Yes	Yes	No
2NULA8	No	Yes	Yes	No	3NM99A	No	Yes	Yes	No
2PLJHE	No	Yes	Yes	No	3NNTMJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2QH3JF	No	Yes	Yes	No	3PJA8T	No	Yes	Yes	No
2RAN2Q	No	Yes	Yes	No	3PK4NE	No	Yes	Yes	No
2T74B3	No	Yes	Yes	No	3PY4TG	No	Yes	Yes	No
2TNKHB	No	Yes	Yes	No	3QB8FZ	No	Yes	Yes	No
2W8CVY	No	Yes	Yes	No	3T3VME	No	Yes	Yes	No
2WM3F4	No	Yes	Yes	No	3T62BJ	No	Yes	Yes	No
2XGKZD	No	Yes	Yes	No	3TLMVY	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3TNC3H	No	Yes	Yes	No	63G3PF	No	Yes	Yes	No
3UYM7V	No	Yes	Yes	No	64E99V	No	Yes	Yes	No
3V9RJ	No	Yes	Yes	No	64YG94	No	Yes	Yes	No
3WXPKE	No	Yes	Yes	No	66MKMC	No	Yes	Yes	No
44HFWH	No	Yes	Yes	No	66UZA6	No	Yes	Yes	No
44K74Z	No	Yes	Yes	No	67H7G3	No	Yes	Yes	No
4A7THJ	No	Yes	Yes	No	67LQ7Q	No	Yes	Yes	No
4BXN8D	No	Yes	Yes	No	68B4NA	No	Yes	Yes	No
4EFGAM	No	Yes	Yes	No	6BWL8U	No	Yes	Yes	No
4FDLT2	No	Yes	Yes	No	6CNAD9	No	Yes	Yes	No
4HG6C6	No	Yes	Yes	No	6F9RM2	No	Yes	Yes	No
4HZT43	No	Yes	Yes	No	6LEKGW	No	Yes	Yes	No
4NJ2JM	No	Yes	Yes	No	6M7Q7F	No	Yes	Yes	No
4PG42J	No	Yes	Yes	No	6NKTZN	No	Yes	Yes	No
4RKANW	No	Yes	Yes	No	6Q6WCT	No	Yes, ec	Yes	No
4TY2W2	No	Yes	Yes	No	6UQGJH	No	Yes	Yes	No
4UUKX3	No	Yes	Yes	No	6WTPWL	No	Yes	Yes	No
4V44N4	No	Yes	Yes	No	74RALG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4V7G38	No	Yes	Yes	No	77FVZQ	No	Yes	Yes	No
4XP9YM	No	Yes	Yes	No	77V2DU	No	Inc	Yes	Inc

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
77VPLD	No	Yes	Yes	No	848FBC	No	Yes	Yes	No
77XRKD	No	Yes	Yes	No	84N4LY	No	Yes	Yes	No
78QKFV	No	Yes	Yes	No	87TUML	No	Yes	Yes	No
7C4KGU	No	Yes	Yes	No	887Q8C	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7DHUPU	No	Yes	Yes	No	8AUXFU	No	Yes	Yes	No
7GFB4A	No Interpretations Reported, DNA Analyzed for Database purposes only.				8CH66X	No	Yes	Yes	No
7GUVQR	No	Yes	Yes	No	8CW7UX	No	Yes	Yes	No
7J68J8	No	Yes	Yes	No	8EJERK	No	Yes	Yes	No
7KFEXG	No	Yes	Yes	No	8FZ2DZ	No	Yes	Yes	No
7KVBAU	No	Yes	Yes	No	8GQRFD	No	Yes	Yes	No
7NVJE4	No	Yes	Yes	No	8GRHWW	No	Yes	Yes	No
7NXAKM	No	Yes	Yes	No	8H6WA6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7PPWQH	No	Yes	Yes	No	8KP4CD	No	Yes	Yes	No
7QL9RC	No	Yes	Yes	No	8MFAR4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7QNXYV	No	Yes	Yes	No	8NTAXR	No	Yes	Yes	No
7UJRWW	No	Yes	Yes	No	8P3G36	No	Yes	Yes	No
7ULWFR	No	Yes	Yes	No	8RD4YY	No	Yes	Yes	No
7UNAUV	No	Yes	Yes	No	8UER92	No	Yes	Yes	No
7YENDB	No	Yes	Yes	No	8WR6CC	No	Yes	Yes	No
83THT8	No	Yes	Yes	No	8XED7Q	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
8XZL2V	No	Yes	Yes	No	9YP3YB	No	Yes	Yes	No
8YRDFM	No	Yes	Yes	No	9YTYGE	No	Yes	Yes	No
8YU3M6	No	Yes	Yes	No	9Z4ZKZ	No	Yes	Yes	No
92F9FZ	No	Inc	Yes	Inc	9ZN9HP	No	Yes	Yes	No
92VXR7	No	Yes	Yes	No	A37ULW	No	Yes	Yes	No
94ZPHY	No	Yes	Yes	No	A3KTPY	No	Yes	Yes	No
96UBDB	No	Yes	Yes	No	AAPZH4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
979D7J	No	Yes	Yes	No	ABDNHB	No	Yes	Yes	No
97MYFL	No	Yes	Yes	No	ACCU2P	No	Yes	Yes	No
9CF92X	No	Yes	Yes	No	ADNBE4	No	Yes	Yes	No
9DQBNW	No	Yes	Yes	No	AMWB26	No	Yes	Yes	No
9EXTLT	No	Yes	Yes	No	APWA6P	No	Yes	Yes	No
9EZJTB	No	Yes	Yes	No	APX7BE	No	Yes	Yes	No
9G94RR	No	Yes	Yes	No	AQANQD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9P4BKQ	No	Yes	Yes	No	AQULMB	No	Yes	Yes	No
9QWUEJ	No	Yes	Yes	No	AR4EWR	No	Yes	Yes	No
9R7YR8	No	Yes	Yes	No	AUVXT6	No	Yes	Yes	No
9UWFBA	No	Yes	Yes	No	AV2U9L	No	Yes	Yes	No
9V97MY	No	Yes	Yes	No	AV4A9K	No	Yes	Yes	No
9Y8GHY	No	Yes	Yes	No	AZFN77	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
AZGVGR	No	Yes	Yes	No	BZBZBQ	No	Yes, EF; No, SF	Yes	No
AZHDCP	No	Yes	Yes	No	BZDQGA	No	Yes	Yes	No
B7GU6M	No	Yes	Yes	No	BZV7NH	No	Yes	Yes	No
B8CFXD	No	Yes	Yes	No	C3FDPQ	No	Yes	Yes	No
BC7YVP	No	Yes	Yes	No	C3H97C	No	Yes	Yes	No
B EGLQH	No	Yes	Yes	No	C3VYT2	No	Yes	Yes	No
BG2TTQ	No	Yes	Yes	No	C7J99U	No	Yes	Yes	No
BGF3XK	No	Yes	Yes	No	CCLTFC	No	Yes	Yes	No
BKHZ9D	No	Yes	Yes	No	CCMCW8	No	Yes	Yes	No
BNEREN	No	Yes	Yes	No	CE92EY	No	Yes	Yes	No
BQNNR7	No	Yes	Yes	No	CFHB6B	No Interpretations Reported, DNA Analyzed for Database purposes only.			
BR4NCV	No	Yes	Yes	No	CFM2KM	No	Yes	Yes	No
BREV9W	No	Yes	Yes	No	CGEM76	No	Yes	Yes	No
BRHDCM	No	Yes	Yes	No	CGZLDW	No	Yes	Yes	No
BRK8U8	No	Yes	Yes	No	CHCTPK	No	Yes	Yes	No
BTADAX	No	Yes	Yes	No	CJMANW	No	Yes	Yes	No
BTVRZW	No	Yes	Yes	No	CKVGUB	No	Yes	Yes	No
BUMF8B	No	Yes	Yes	No	CKYCNW	No	Inc	Yes	Inc
BWE2TU	No	Yes	Yes	No	CM74P4	No	Yes	Yes	No
BYL7KW	No	Yes	Yes	No	CMHLGV	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
CNBJP2	No		Yes		DLPPEY	No	Yes	Yes	No
CQ296T	No	Yes	Yes	No	DML78J	No	Yes	Yes	No
CQNWRD	No	Yes	Yes	No	DMVMVG	No	Yes	Yes	No
CVWPV2	No	Yes	Yes	No	DNE4D6	No	Inc	Yes	No
CX6X32	No	Yes	Yes	No	DP62D2	No	Yes	Yes	No
D2FXPY	No	Yes	Yes	No	DT9Z3V	No	Yes	Yes	No
D2VQBL	No	Yes	Yes	No	DTPCK2	No	Yes	Yes	No
D2YAGX	No	Yes	Yes	No	DUDKEF	No	Yes	Yes	No
D3D8JG	No	Yes	Yes	No	DUJ3QF	No	Yes	Yes	No
D46YFZ	No	Yes	Yes	No	DVCVLY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
D4AJJQ	No	Yes	Yes	No	DZ6MKZ	No	Yes	Yes	No
D6G3ZY	No Interpretations Reported, DNA Analyzed for Database purposes only.				DZLF6P	No	Yes	Yes	No
D7V37L	No	Yes	Yes	No	E2RNW2	No	Yes	Yes	No
D9FCDL	No	Yes	Yes	No	E2UD3J	No	Yes	Yes	No
D9ZLDU	No	Yes	Yes	No	E3RWK9	No	Yes	Yes	No
DATJL2	No	Yes	Yes	No	E43ZPJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DBQ2UC	No	Yes	Yes	No	ECEFTR	No	Yes	Yes	No
DFJNKW	No	Yes	Yes	No	EDQPVK	No	Yes	Yes	No
DGT9F8	No	Yes	Yes	No	EFE4D3	No	Yes	Yes	No
DHMNCG	No	Yes	Yes	No	EG9L23	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EGP2QK	No	Yes	Yes	No	FGHHXD	No	Yes	Yes	No
EJDGZR	No	Yes	Yes	No	FHY88Y	No	Yes	Yes	No
EKQJWK	No	Yes	Yes	No	FHYEPD	No	Yes	Yes	No
EL3JTE	No	Yes	Yes	No	FLG63F	No	Yes	Yes	No
ELKYYN	No	Yes	Yes	No	FLVQD4	No	Yes	Yes	No
EPM9CR	No	Yes	Yes	No	FLXLVN	No	Yes	Yes	No
EPY3WX	No	Yes	Yes	No	FN6B9D	No	Yes	Yes	No
EQVVYR	No	Yes	Yes	No	FPEDYH	No	Yes	Yes	No
ET6ZEZ	No	Yes	Yes	No	FPZMB8	No	Yes	Yes	No
ETXLUQ	No	Yes	Yes	No	FQPZTQ	No	Yes	Yes	No
EXW3M8	No	Yes	Yes	No	FQVAPW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
F33TAP	No	Yes	Yes	No	FV4VAN	No	Inc	Yes	Inc
F3L7PA	No	Yes	Yes	No	FZYXQM	No	Yes	Yes	No
F4EWWN	No	Inc	Yes	Inc	G242GG	No	Yes	Yes	No
F4JZGT	No	Yes	Yes	No	G2MTQZ	No	Yes	Yes	No
F7M8RR	No	Yes	Yes	No	G8TMKW	No	Yes	Yes	No
FALHMR	No	Yes	Yes	No	G8VJ79	No Interpretations Reported, DNA Analyzed for Database purposes only.			
FBH2NT	No	Yes	Yes	No	G93YDE	No	Yes	Yes	No
FBVZUG	No	Yes	Yes	No	GCP7NF	No	Yes	Yes	No
FC73GF	No	Yes	Yes	No	GF9QNX	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
GFM3KG	No	Yes	Yes	No	HBTKNG	No	Yes	Yes	No
GG3GUC	No	Yes	Yes	No	HC3Z3V	No	Yes	Yes	No
GG4N7W	No	Yes	Yes	No	HCK9TB	No	Yes	Yes	No
GHATCD	No	Yes	Yes	No	HCZVHY	No	Yes	Yes	No
GJ4L6B	No	Yes	Yes	No	HDYZ2E	No	Yes	Yes	No
GK3PYL	No Interpretations Reported, DNA Analyzed for Database purposes only.				HE7F9K	No	Yes	Yes	No
GKXCBP	No	Yes	Yes	No	HGXUZW	No	Yes	Yes	No
GMP4PG	No	Yes	Yes	No	HH726A	No	Yes	Yes	No
GR3GGA	No	Yes	Yes	No	HJ4CXR	No	Yes	Yes	No
GTB449	No	Yes	Yes	No	HQMHWK	No	Yes	Yes	No
GTVZ9G	No	Yes	Yes	No	HX4KT9	No	Yes	Yes	No
GU43AU	No	Yes	Yes	No	HYDLXF	No	Yes	Yes	No
GVJGJP	No	Yes	Yes	No	HYFFEZ	No	Yes	Yes	No
GWA9JE	No	Yes	Yes	No	HYZWV3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H26TXH	No	Inc	Yes	Inc	HZ7J4Z	No	Inc	Yes	No
H3GGGH	No	Yes	Yes	No	J48JQV	No	Yes	Yes	No
H889UX	No	Yes	Yes	No	J6HTUA	No	Yes	Yes	No
H972KX	No	Yes	Yes	No	J7CJZN	No	Yes	Yes	No
HB6JG6	No Interpretations Reported, DNA Analyzed for Database purposes only.				JCWUTJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HB79MM	No	Yes	Yes	No	JDQFNV	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
JE9AP6	No	Yes	Yes	No	KAQRKT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JFGM6L	No	Yes	Yes	No	KB2CRH	No	Yes	Yes	No
JGUN3Y	No Interpretations Reported, DNA Analyzed for Database purposes only.				KEKLHU	No	Yes	Yes	No
JJGTQJ	No	Yes	Yes	No	KELVL6	No	Yes	Yes	No
JMG2UT	No	Yes	Yes	No	KLMKAJ	No	Inc	Yes	No
JMGCVJ	No	Yes	Yes	No	KN7RDD	No	Yes	Yes	No
JMGCW6	No	Yes	Yes	No	KN9K9Z	No	Yes	Yes	No
JNDR8F	No	Yes	Yes	No	KQXQPQ	No	No	Yes	No
JNFGDY	No	Yes	Yes	No	KRQH4H	No	Yes	Yes	No
JPMJTP	No	Yes	Yes	No	KWLDKV	No	Yes	Yes	No
JTLZ6J	No	Yes	Yes	No	KZYDJ9	No	Yes	Yes	No
JUZ6ZB	No	Yes	Yes	No	L3QXFK	No	Yes	Yes	No
JZ9QRE	No	Yes	Yes	No	L6TEGG	No	Yes	Yes	No
K2FAAM	No	Yes	Yes	No	L7J7EK	No	Yes	Yes	No
K2R8ER	No Interpretations Reported, DNA Analyzed for Database purposes only.				L8F9XG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
K4LT8H	No Interpretations Reported, DNA Analyzed for Database purposes only.				L986LB	No	Yes	Yes	No
K6FE3U	No	Yes	Yes	No	L9T946	No	Yes	Yes	No
K6TB7E	No	Yes	Yes	No	LA3NNC	No	Yes	Yes	No
K7P2LL	No	Yes	Yes	No	LBVLVJ	No	Yes	Yes	No
K9X9QZ	No	Yes	Yes	No	LCPYAG	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
LCQ4XK	No	Yes	Yes	No	LZZ8X8	No	Yes	Yes	No
LD7TAQ	No	Yes	Yes	No	M3FUWQ	No	Yes	Yes	No
LDJ37R	No Interpretations Reported, DNA Analyzed for Database purposes only.				M6RRMA	No	Yes	Yes	No
LDJPFV	No	Yes	Yes	No	M727L3	No	Yes	Yes	No
LDP3GT	No Interpretations Reported, DNA Analyzed for Database purposes only.				M7U4RN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LEXMWG	No	Yes	Yes	No	M8UWRG	No	Yes	Yes	No
LF4GQ	No	Yes	Yes	No	MCPANJ	No	Yes	Yes	No
LHECB6	No	Yes	Yes	No	MDX2LL	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LJU2RJ	No	Yes	Yes	No	MEC4W2	No	Yes	Yes	No
LLWEFN	No	Yes	Yes	No	MEGLVZ	No	Yes	Yes	No
LLYUJW	No	Yes	Yes	No	MHT4WU	No	Yes	Yes	No
LMPX9W	No	Yes	Yes	No	MHTYMR	No	Yes	Yes	No
LMTGXK	No	Yes	Yes	No	MJP26N	No	Yes	Yes	No
LN82E	No	Inc	Yes	Inc	MNZPPX	No	Yes	Yes	No
LPHPMN	No	Yes	Yes	No	MPUFTQ	No	Yes	Yes	No
LQQ3LG	No	Inc	Yes	No	MTUG4L	No	Yes	Yes	No
LQRVLB	No	Yes	Yes	No	MWEDPQ	No	Yes	Yes	No
LTXU4B	No	Yes	Yes	No	MXKZYP	No	Yes	Yes	No
LWH9KD	No	Yes	Yes	No	MZV7RZ	No	Yes	Yes	No
LXTKB9	No	Yes	Yes	No	N2YKCB	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NAULTP	No	Yes	Yes	No	PB7HXU	No	Yes	Yes	No
NAXHBT	No	Yes	Yes	No	PBK7YK	No	Yes	Yes	No
NGEQJ4	No	Yes	Yes	No	PC4MG9	No	Yes	Yes	No
NH7L7D	No	Yes	Yes	No	PCXKMU	No	Inc	Yes	No
NJK7YM	No	Yes	Yes	No	PDQYZR	No	Yes	Yes	No
NMKP69	No	Yes	Yes	No	PDTTGC	No	Yes	Yes	No
NNHXDR	No	Yes	Yes	No	PEMJMQ	No	Yes	Yes	No
NPNKMQ	No	Yes	Yes	No	PEPAUA	No	Yes	Yes	No
NTPYNG	No	Yes	Yes	No	PGPPDD	No	Yes	Yes	No
NU7K9X	No Interpretations Reported, DNA Analyzed for Database purposes only.				PKBYF6	No	Yes	Yes	No
NX3AP6	No	Yes	Yes	No	PLN423	No	Yes	Yes	No
NYCE3T	No	Yes	Yes	No	PQD9KC	No	Yes	Yes	No
NYXRR7	No	Yes	Yes	No	PQG4J6	No	Yes	Yes	No
P243AA	No	Yes	Yes	No	PVDMMN	No	Yes	Yes	No
P6J3EA	No	Yes	Yes	No	PVUDGL	No	Yes	Yes	No
P84L7D	No	Yes	Yes	No	PXFTXN	No	Yes	Yes	No
P9Z48E	No	Yes	Yes	No	PZ6QYK	No	Yes	Yes	No
PAA7WY	No	Yes	Yes	No	Q2ELCJ	No	Yes	Yes	No
PATF6K	No	Yes	Yes	No	Q2THNV	No	Yes	Yes	No
PAY3QM	No	Yes	Yes	No	Q3A2LU	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
Q3M4GM	No	Yes	Yes	No	QVNL3A	No	Yes	Yes	No
Q3TTVE	No	Yes	Yes	No	QVR7RY	No	Yes	Yes	No
Q443UK	No	Yes	Yes	No	QVTBF3	No	Yes	Yes	No
Q4KEDP	No	Yes	Yes	No	QWKLV3	No	Yes	Yes	No
QAM8AK	No	Yes	Yes	No	QZ3MEN	No	Yes	Yes	No
QBJ4UU	No	Yes	Yes	No	QZMZZ	No	Yes	Yes	No
QBNNWJ	No	Yes	Yes	No	R2T8LK	No	Yes	Yes	No
QCTMP4	No	Yes	Yes	No	R4XBF9	No	Yes	Yes	No
QH69XB	No	Inc	Yes	Inc	R6BE28	No	Yes	Yes	No
QJG4J3	No	Yes	Yes	No	R7NYTG	No	Yes	Yes	No
QKMPQF	No	Yes	Yes	No	R9BHUF	No	Yes	Yes	No
QLFNYL	No	Yes	Yes	No	RDMYDW	No	Yes	Yes	No
QLLR2D	No	Yes	Yes	No	REGEEF	No	Yes	Yes	No
QLZ3VC	No	Yes	Yes	No	RFA6KU	No	Yes	Yes	No
QMCUQE	No	Yes	Yes	No	RFCUQC	No	Yes	Yes	No
QMH8CP	No	Yes	Yes	No	RFR9Z8	No	Yes	Yes	No
QPJ9D8	No	Yes	Yes	No	RFTETF	No	Yes	Yes	No
QTJKTK	No	Yes, Blood; No, Semen	Yes	No, Blood; No Semen	RG4QF7	No	Yes	Yes	No
QUDBWD	No	Yes	Yes	No	RHCBWE	No	Yes	Yes	No
QV8TGM	No	Yes	Yes	No	RHF34F	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RK7RHN	No	Yes	Yes	No	TUQHEZ	No	Yes	Yes	No
RLFVWC	No	Yes	Yes	No	TWBU9G	No	Yes	Yes	No
RLVPFZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				TWRJGH	No	Yes	Yes	No
RMAMY7	No	Yes	Yes	No	TWUH97	No	Yes	Yes	No
RMPFLE	No	Yes	Yes	No	TZF3HF	No	Yes	Yes	No
RPV2CY	No	Yes	Yes	No	TZRUDH	No	Yes	Yes	No
RQPRHE	No	Yes	Yes	No	U2JCRP	No	Yes	Yes	No
T73HXR	No	Yes	Yes	No	U2KGCK	No	Yes	Yes	No
TAJMRG	No	Yes	Yes	No	U49J9F	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TALD2K	No	Yes	Yes	No	U6LL7T	No	Yes	Yes	No
TBVU66	No Interpretations Reported, DNA Analyzed for Database purposes only.				U7G48U	No	Yes	Yes	No
TC6YKE	No	Yes	Yes	No	UAV9UB	No	Yes	Yes	No
TCAB7P	No	Yes	Yes	No	UDTUH8	No	Yes	Yes	No
TCRAG2	No	Yes	Yes	No	UDXCF6	No	Yes	Yes	No
TEDKJT	No	Yes	Yes	No	UHTB7F	No	Yes	Yes	No
TEUZAF	No	Yes	Yes	No	UKFFUY	No	Yes	Yes	No
TN3ZY4	No	Yes	Yes	No	UNXXNP	No	Yes	Yes	No
TPADKC	No	Yes	Yes	No	UP7HLJ	No	Yes	Yes	No
TQNNEA	No	Yes	Yes	No	UWZZU	No	Yes	Yes	No
TRH7ZJ	No	Yes	Yes	No	UYXDT9	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
UZTT67	No	Yes	Yes	No	W8JLUJ	No	Yes	Yes	No
V2HAMX	No	Yes	Yes	No	W9EV3J	No Interpretations Reported, DNA Analyzed for Database purposes only.			
V4M6J3	No	Yes	Yes	No	WBMG3X	No	Yes	Yes	No
V6KFF6	No	Yes	Yes	No	WCE3NG	No	Yes	Yes	No
VC3GLM	No	Yes	Yes	No	WJFEKD				
VFFNZT					WK8H9E	No	Yes	Yes	No
VGA8NT	No	Yes	Yes	No	WKPWPG	No	Yes	Yes	No
VGAE4M	No	Yes	Yes	No	WMJHME	No	Yes	Yes	No
VGDW9C	No	Yes	Yes	No	WR7ZPB	No	Yes	Yes	No
VL42LU	No	Yes	Yes	No	WRLTBY	No	Yes	Yes	No
VM2LMV	No	Yes	Yes	No	WWZUMD	No	Yes	Yes	No
VQGLTF	No	Yes	Yes	No	WYANLX	No	Yes	Yes	No
VQUVNF	No Interpretations Reported, DNA Analyzed for Database purposes only.				X29LAV	No	Yes	Yes	No
VUWNN7	No	Yes	Yes	No	X2NBJF	No	Yes	Yes	No
WCFT3	No	Yes	Yes	No	X2TTHE	No	Yes	Yes	No
WP6UT	No	Yes	Yes	No	X6RGA3	No	Inc	Yes	Inc
WUK9F	No	Yes	Yes	No	X6U4RG	No		Yes	
VZM2QU	No	Yes	Yes	No	X7J6J3	No	Yes	Yes	No
W46HLK	No	Yes	Yes	No	X7JVGR	No	Yes	Yes	No
W6A9L9	No	Yes	Yes	No	X8GZY8	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
X9DQCU	No	Yes	Yes	No	Y2PQAL	No	Yes	Yes	No
XAKL47	No	Inc	Yes	No	Y9PDEM	No	Yes	Yes	No
XAMZ37	No	Yes	Yes	No	YANH3	No	Yes	Yes	No
XCTT9K	No	Yes	Yes	No	YAXPU4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
XDJK8P	No	Yes	Yes	No	YBCL92	No	Yes	Yes	No
XE3BFA	No	Yes	Yes	No	YDL4KY	No	Yes	Yes	No
XFBFVJ	No	Yes	Yes	No	YEVJ4J	No	Yes	Yes	No
XFQ36K	No	Yes	Yes	No	YEWDK4	No	Yes	Yes	No
XHV3DR	No	Yes	Yes	No	YFLCPA	No	Inc	Yes	Inc
XJPTJ7	No	Yes	Yes	No	YFRWL7	No	Yes	Yes	No
XLJA4G	No	Yes	Yes	No	YHD442	No	Yes	Yes	No
XMRWL8	No	Yes	Yes	No	YHUXNN	No	Yes	Yes	No
XU93AL	No	Inc	Yes	No	YJAJEC	No Interpretations Reported, DNA Analyzed for Database purposes only.			
XUQ9BW	No	Yes	Yes	No	YLT9KN	No	Yes	Yes	No
XVJ27F	No	Yes	Yes	No	YMNLU6	No	Yes	Yes	No
XWERA9	No	Yes	Yes	No	YMNRLP	No	Yes	Yes	No
XY3W98	No	Yes	Yes	No	YQ8GW9	No	Yes	Yes	No
XY7JNZ	No	Yes	Yes	No	YRXC7F	No	Yes	Yes	No
XY99UJ	No	Yes	Yes	No	YVYNFG	No	Yes	Yes	No
Y2N6R8	No	Yes	Yes	No	YWDAR6	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YX67FX	No	Yes	Yes	No					
Z62X96	No	Yes	Yes	No					
ZAHNR2	No	Yes	Yes	No					
ZD29MB	No	Yes	Yes	No					
ZDXT9P	No	Yes	Yes	No					
ZHTKGL	No	Yes	Yes	No					
ZM8KTZ	No	Yes	Yes	No					
ZUN2JN									
ZWR2DU	No	Yes	Yes	No					
ZXKKM9	No	Yes	Yes	No					
ZXMCFN	No	Yes	Yes	No					
ZYDHVE	No		Yes						
ZZBVE2	No	Inc	Yes	No					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 611		
<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>					
Responses		Victim (Item 1)		Suspect (Item 2)	
		Item 3	Item 4	Item 3	Item 4
	Yes	0	545	568	0
	No	568	1	0	555
	Inc	0	19	0	10

Participants not reporting Interpretation results: 43

Additional Comments

TABLE 8

WebCode	Additional Comments
24QZA2	Test for saliva not routinely performed unless requested by investigating officer.
26ZKZ3	Off-ladder allele detected at YGATAH4 for Items 2 and 3; this off-ladder allele was designated as <8
2CFLFY	Saliva test is not routinely carried out. It is only performed when specifically requested for by the client.
2KV6XD	NR = no result
2NULA8	Possible elevated stutter artifacts were observed for Item 4 - Epithelial Fraction at Penta E, FGA, D16S539, and D8S1179. Possible elevated stutter artifact was observed for Item 4 - Sperm Fraction at D12S391.
2QH3JF	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct in the 9700 thermal cyclers. 2. Item 3 and Item 4 were extracted using chelex extraction[sic] method and quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. Amplification was done using AmpFISTR Identifiler Plus Kit. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using Yfiler Kit in the 9700 thermal cyclers. 4. All electrophoresis processes were carried out by Genetic Analyzer 3130xl. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
2T74B3	This lab does not perform Y-STR and mito testing.
2XGKZD	Y-STR analysis was not performed on Item 1 because no male DNA was detected using Quantifiler Duo.
2Z8QG4	*No allele was detected in YGATAH4 for items 2 and 3. There is an off ladder allele size 368 bp that is falling near DYS456. This off ladder allele appears to be related to YGATAH4. We are assuming an anomaly with the PowerPlex Y23 Kit.
32B6YT	Elevated stutter in FGA for 4e
3TLMVY	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
4HGGC6	There is an off ladder allele (OL) present in Items 2 and 3 at Y locus GATAH4. This OL falls below the smallest peak in the ladder and, as per our procedure manual, was called "<8".
4V44N4	An elevated stutter peak was assessed at allele position 23 for locus FGA for sample B5-1
4V7G38	I did not perform serological testing. The results of serological tests were provided to me so that I could perform the proper DNA analyses. Item 4e contained possible elevated stutter at Penta D (allele 11 - 7.8%) and at FGA (allele 23 - 13.1%). Item 4sp contained possible elevated stutter at D3S1358 (allele 18 - 13.1%) and at D7S820 (allele 12 - 12.3%).
67H7G3	*NOTE: Yfiler Results for Item 2 & Item 3 at Locus GATAH4 = OL. The OL is designated as <8.
67LQ7Q	MiniFiler results for items 3, 4, 1, and 2 are concordant with the Identifiler Plus results (at the corresponding loci).
68B4NA	Reference samples are typed with both STR amplification kits: Identifiler and PowerPlex 16; evidence samples are typed with Identifiler only. Both alleles of homozygotes are noted for references, only one allele is noted for homozygous evidence samples.
77V2DU	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mixtures.
78QKFV	The NRs listed for item 1 Yfiler indicates no results.
7C4KGU	^ = Allele below stochastic threshold. A mixture of a major and minor component was detected for the Epithelial Fraction of Item 4. The Victim cannot be excluded as a possible contributor to the major component. The Suspect is excluded as a possible contributor to this DNA mixture. This minor component alleles are consistent with the unknown DNA profile of the Sperm Fraction. This mixture is acceptable as

TABLE 8

WebCode	Additional Comments
	incomplete separation can be expected with some differential extractions.
7DHUPU	NR = No Results. Items 3 and 4 were also tested with the Applied Biosystems MiniFiler amplification kit. Identifiler Plus and MiniFiler results were concordant at overlapping loci for both items.
7KVBAU	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds. NT = No Type. OL = Off Ladder. N/A = Not Applicable.
7PPWQH	Note: For Items 1 and 2: ^ indicates peaks below stochastic threshold as per [Laboratory] policy
7QNXYV	Test for saliva is not performed routinely for casework unless requested.
7UNAUU	Notes: 1. For Items 2 and 3, a rare below-ladder allele was detected at Y-STR locus Y-GATA-H4, and could not be given an allele designation. Therefore, no result is reported for these items at that locus. 2. Y-STR analysis was performed only on the sperm fraction from Item 4, and the Y-STR results shown for Item 4 are from this fraction. Therefore, the "no differential extraction" option was selected for entry of the Y-STR results from Item 4.
7YENDB	Multiplex PCR amplifications were performed on the Organic @ Phenol/Chloroform (Item 1, Item 2 and Item 3) and Chelex® (Item 4) extracted DNA samples using Applied Biosystems AmpFISTR® Identifiler® Plus (STR) and Yfiler® (YSTR) kits. Separation and detection of the amplified products were performed using the Applied Biosystems 3130xl Genetic Analyzer and analysis was carried out by GeneMapper® ID v3.2.1 software.
83THT8	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 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeats) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeats) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
887Q8C	The examiner is only competent in DNA testing of known standards. Therefore the unknown samples were not tested.
8EJERK	Sample from item 3 was also analyzed using our High Sensitivity DNA procedures in addition to our regular procedures. High Sensitivity DNA testing results are concordant with the reported results.
8KRTHV	DNA comparisons were not performed on this test - serology results only.
8YTAQH	Analyst approved for Biology Screening but not DNA analysis. This proficiency submitted for Biology only.
92F9FZ	Item 1: in region HV2, at 303-309, presence of 7, 8, and 9 Cs. Item 4: mixture
9CF92X	Serological testing performed by forensic biology examiner. DNA analyst performed KM testing.
9EXTLT	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
9G94RR	^ = Allele below stochastic threshold.
A37ULW	DNA Examiner detected additional minor alleles above our laboratory's analytical threshold. Those alleles were attributed to a low level contributor in the DNA profile obtained from Exhibit 4. All alleles detected in this exhibit were reported on the CTS data sheet.
AMWB26	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.
APX7BE	I did not obtain a full Y-STR profile for the epithelial cell fraction of the semen stain on item 4. There was no reaction at DYS438 or DYS439. The suspect is excluded as a contributor to the epithelial and sperm

TABLE 8

WebCode	Additional Comments
	cell fractions of the stain on item 4 and it was not necessary to obtain a full profile to exclude him (i.e. getting a full profile was not necessary to exclude the suspect).
AZFN77	No testing was performed on Items 3 and 4. This test is for databasing only
BREV9W	* Inconclusive for the presence of additional allele(s)
BTVRZW	For Item 4 at D3 an 18 allele was seen. The analyst does not believe this is a true peak belonging to the minor contributor and is elevated stutter.
BZBZBQ	EF = Epithelial Fraction. SF = Sperm Fraction.
C3FDPQ	NT = not tested. NSD = no sizing data. Epithelial fraction of item 4 (skirt) matches item 1 (victim).
CBCDZD	Analyst approved for Biology Screening but not DNA analysis. This proficiency submitted for Biology only.
CFM2KM	Question stain 4 for STR at location D7S820 shows a minor allele 12 which appears to be elevated stutter and not part of the profile. Question stain 4 for STR at location D3S1358 shows a minor allele 18 which appears to be elevated stutter and not part of the profile. Question stain 4 for Y-STR at location DYS448 shows a minor allele 19 which appears to be elevated stutter and not part of the profile.
CGZLDW	For item 4e at locus D12S391 there is a peak 24 in stutter position, which is above the stutter threshold. The profile was re-amplified and there are no other indications of an additional contributor. This peak has been considered as an elevated stutter.
CHCTPK	No STR results obtained for substrate controls.
CKYCNW	Item #1 = At 303 - 309, presence of 7, 8, and 9 C's. Item #4 = Mixture
CNBJP2	Items 1 and 2 were processed for STR database purposes. Items 3 and 4 were not processed for STR analysis. Items 1, 2, 3 and 4 were processed for mtDNA analysis. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 4 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile.
CQ296T	Human blood detected on items 3 and 4 with the ABACard Hematrace test. For the DNA interpretation of item 4e, one additional minor peak (18 allele) was observed at D3S1358 that was determined to be above the 15% threshold for stutter. The minor peak was evaluated as a true allele, unlikely to be explained by elevated stutter given 1) the quantity of DNA amplified, quality of the profile and overall peak heights and 2) the average stutter and maximum stutter observed at this locus during the validation was below this threshold. No additional evidence of a minor (3rd) source was observed elsewhere in the profile.
CQNWRD	For items 1 & 2, "^" is used to indicate peaks below stochastic threshold.
D2VQBL	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
D2YAGX	Item 4: Exhibited two high stutters. D2: 23 and FGA: 23. Both these 'high stutters' fell between two peaks, therefore a possible contribution by over stutter may have elevated these peaks above the stutter cut-off set for these loci.
D4AJJQ	Test for saliva not performed routinely for casework unless requested.
DNE4D6	Per [Laboratory] Missing Person's Interpretation guidelines, STR mixtures are reported as inconclusive.
DT9Z3V	[] = minor allele(s), { } = Imbalance of sister alleles in a single source sample (<50%), □ = Locus contains allele(s) below the laboratory's established stochastic threshold (200rfu), N/A = Not applicable.
DTPCK2	YSTR not performed on Item 1 because no male DNA detected on quantitation.
DUJ3QF	Minifiler results concordant with Identifiler Plus results.

TABLE 8

WebCode	Additional Comments
E2UD3J	Additional allele 18 at D3S1358 for item 4e believed to be elevated stutter.
E3RWK9	Item A1-4spm elevated stutter was observed at D7S820, D12S391, and D22S1045.
F4EWWN	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
F7M8RR	The serologist [Name] who performed the serological testing is not associated with this test. The inclusion of the victim (Item 1) to Item 4 only applies to the epithelial fraction.
FALHMR	* Inconclusive for the presence of additional allele(s). Due to low total DNA obtained in the epithelial fraction of item 3, only Identifiler plus was used for that sample.
FGHHXD	Item 3, stain from the suspect's shirt, was analyzed using our High Sensitivity DNA Testing Procedures in addition to our regular procedures. High Sensitivity DNA Testing results are concordant with the reported results.
FLXLVN	Y-STR and mitochondrial STR testing is not performed in this laboratory.
FPEDYH	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.
FV4VAN	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
FZYXQM	Sexual Assault cases are screened in the Forensic Biology unit prior to being processed in the DNA unit. Samples #3 and #4 were tested and the following results were generated. #3 KM (+), semen neg (-). #4 KM (+), sperm pos (+). The analyst conducted KM testing with the following results. #3 KM (+), #4 KM (+).
GF9QNX	Key: NR = No Result
GFM3KG	1. Item 1 and 2 were extracted using the in-situ extraction method. 2. Item 3 were extracted using the Promega DNA IQ on Tecan Freedom EVO 150. 3. Item 4 were extracted using the Chelex extraction method. 4. Item 3 and 4 were quantitated using Quantifiler Human DNA Quantitation Kit and carried out by 7500 Real Time PCR. 5. Amplification was done using the AmpFISTR Identifiler Direct kit for Item 1 and 2, AmpFISTR Identifiler Plus kit for Item 3 and 4, and AmpFISTR Y-Filer on Item 1 to 4. 6. Electrophoresis was carried out by Genetic Analyzer 3130XL. 7. Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
GG4N7W	Laboratory policy allows for analyst discretion, based upon training and experience in the selection of screening tests being performed.
GHATCD	The sperm cell fraction of the differential extraction of item #4 contained possible elevated stutter at D3S1358 when amplified with Identifiler Plus. The allele is not consistent with information obtained in the epithelial cell fraction. However, because this was a mixture profile, it is being treated as it would be in casework and the "18" being called was entered as a true allele. The sperm cell fraction of the differential extraction of item #4 contained possible forward stutter at D21S11 when amplified with Minifiler. The allele is being denoted as a weaker allele at that locus for entry with parentheses. The allele is not consistent with the epithelial cell fraction amplified with Minifiler. Because this is a mixture profile and the peak heights are similar to others in the minor component, the "31" being called was entered as a true allele. The sperm cell fraction of the differential extraction of item #4 has an allele "17" that was detected with the Minifiler kit and denoted as (17) for entry at D2S1338 and an allele "13" was detected with the Minifiler kit and denoted as (13) for entry at D18S51.
GK3PYL	No Mitochondrial tests were performed on Items 1 or 2. No tests performed on Items 3 or 4.
GM9AP8	Analyst approved for Biology Screening but not for DNA analysis. This proficiency submitted for Biology only.

TABLE 8

WebCode	Additional Comments
H26TXH	interpret mtDNA mixtures.
HBTKNG	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.
HDY22E	No STR results were obtained for the substrate controls.
HE7F9K	Saliva testing is a non-routine test and only conducted on request by the investigating officer.
HJ4CXR	NR = No Results
JCWUTJ	No mitochondrial tests were performed on Items 1 or 2 and no tests were performed on Items 3 or 4.
JDQFNV	Key: NR - No result
JFGM6L	N/A = Not Applicable, □ = locus contains allele(s) below stochastic threshold (200RFU), [] = minor allele(s).
JMG2UT	Item 4 epithelial and sperm fractions exhibited elevated stutter for the Fusion and Y23 amplifications as follows: 1. Elevated stutter at 11.95% was observed as a labeled 18 at locus D3S1358 for item 4 sperm fraction. Validated stutter for this locus is 11.9% for n-4. Elevated stutter at 18.3% was also observed as a labeled 24 at locus D12S391 and combined stutter was observed (n+3/n-3) as a labeled 16 (924 rfus) at locus D22S1045. Validated stutter is 15.8% for locus D12S391 and 8.6%/16.4% for locus D22S1045. This sample was interpreted as a single source profile. 2. Elevated stutter at 24.2% was observed as a labeled 20 at locus DYS570 for item 4 epithelial fraction. Validated stutter for this locus is 16% for n-4. This was still interpreted as a single source Y23 haplotype.
JMGCVJ	Part 1 [Table 1] (screening tests) performed by Forensic Biology Analyst. Parts 2 & 3 [Tables 2 & 7] (DNA analysis & DNA interpretation) performed by DNA analyst.
JTLZ6J	Test for saliva not performed routinely for casework unless requested.
K4LT8H	No Mitochondrial test performed on items 1 or 2. No test performed on items 3 or 4.
K6TB7E	[] = minor allele. ^ = allele below stochastic threshold (200RFU). Note: There was incomplete separation from the sperm and epithelial portions of Item 4.1 however, the alleles are consistent between the different fractions of the same extract including the victim and an unknown male individual.
K7P2LL	Sexual assault cases are screened in the Forensic Biology unit prior to being processed in the DNA unit. Samples #3 and #4 were tested and the following results were generated: #3: KM+, semen- (micro, p30, AP). #4: KM+, sperm+ (micro, AP). The DNA analyst did not perform any screening on the submitted items.
KEKLHU	Additional DNA analysis, including Y-STR and mtDNA testing, were not performed for this proficiency.
KLMKAJ	Yfiler/LCN Yfiler was performed on Items 3 and 4. Results were concordant at all overlapping loci. mtDNA results for Item 4 are being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
L322KW	For Biology Screening only.
L6TEGG	"DNA Result" = Inconclusive. (DNA Result) = Peak height intensity less than stochastic threshold. For Item 4e, major contributor designated at the following loci: D8S1179, D7S820, CSF1PO, D3S1358, TH01, D2S1338, D19S433, vWA, D18S51, amelogenin, and D5S818.
L7J7EK	Sexual assault cases are screened in the Forensic Biology unit prior to being transferred to the DNA unit. Samples #3 and #4 were tested in Forensic Biology and the following results were generated: #3 - RSID blood (+), semen (-). #4 - HemaTrace (+), sperm (+). The analyst performed KM screening tests on #3 and #4, those results reported in Part 1 [Table 1- Serology Screening Results].
L8F9XG	No mitochondrial tests performed on Items 1 or 2. No tests performed on Items 3 or 4.

TABLE 8

WebCode	Additional Comments
LCPYAG	Forensic Biology testing was performed by a competent Forensic Biologists.
LJU2RJ	Female reference items are not processed for Y-STRs.
LNMB2E	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
LPHPMN	Note: elevated stutter was observed at FGA in item 1.
LQQ3LG	Item 4 is being reported as inconclusive for mtDNA data due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. LCN Yfiler and Yfiler was performed on Item 3. Results were concordant at all overlapping loci.
LTXU4B	Item 4 there is carry over of the non-sperm fraction into the sperm fraction. PowerPlex Y23 results for item 2 and item 3. DYS456 and YGATH4 [sic] were called inconclusive. DYS456 had two alleles present. One on ladder allele in bin 15 and one allele above the DYS456 ladder (>23) at 368 base pairs. YGATH4 did not have an allele present in the YGATH4 marker range. DYS456 and YGATH4 were called inconclusive because it cannot be determined if there is a duplication at DYS456 and a null allele at YGATH4, or if there is a single allele at DYS456[sic] and a below ladder (<8) allele at YGATH4 that is migrating in the DYS456 marker range.
LWH9KD	Item 3 and Item 4: Male DNA was detected with Plexor HY. Item 4.1 (Sperm Fraction) - Elevated stutter observed at D3S1358. ^ = Below stochastic threshold (200 RFU's).
M7U4RN	No Mitochondrial tests performed on items 1 or 2. No tests performed on items 3 or 4.
MCPANJ	Minor component in 1-4 sperm/substrate fraction consistent with differential carryover and not included on table. Minor component in 1-4 epithelial fraction is consistent with artifacts and noisy baseline from high amount of amplified template DNA and not included on table.
N2YKCB	^ indicates allele below stochastic threshold. Please note that the minor component of the mixture from Item 4 epithelial fraction is consistent with the sperm fraction of Item 4.
NAULTP	The Y-STR results for the epithelial fraction of item 4 had elevated N-4 stutter of 13.9% (11% is upper limit) at DYS549. The Y-STR results for the sperm fraction of item 4 had elevated N+4 stutter of 3% (2% is upper limit) at DYS635 and elevated N-5 stutter of 4.02% (4% is upper limit) at DYS643. The Y-STR results for items 2 and 3 showed an off-ladder allele. This allele was in the outer edge of the bin for DYS456, but was reported as a <8 for YGATH4 because it isn't likely that there are two alleles at DYS456 and none at YGATH4.
NH7L7D	Female Major Contributor designated at all loci in the e.cell fraction of Item 4. (DNA Result)= Peak height intensity less than stochastic threshold
NTPYNG	N/A = not applicable, [] = minor contributor, □ = allele(s) below stochastic threshold.
P243AA	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.
PAA7WY	^ = peaks seen below stochastic threshold as per [Laboratory]-DNA unit policy.
PDTTGC	Part 1 [Table 1- Serology Screening Results]: The AP test conducted on item 3 was inconclusive due to the presence of the reddish-brown staining - a weak positive cannot be ruled out.
PEMJMQ	Item 2 and Item 3 have an off-ladder Y-STR variant allele at Y-GATA-H4 that was designated as <8. Based on its base pair size relative to the allelic ladder it is a possible 6 allele.
PKBYF6	Y GATA H4 results for Item 2 and Item 3 could be recorded either as a 6 or as <8. Item 4, epithelial fraction and sperm fraction both have an artifact at D3, that is called an 18. This may be elevated stutter to the 19 peak that is present as a minor in the epithelial fraction and is present in the sperm fraction.
PQD9KC	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds

TABLE 8

WebCode	Additional Comments
PVDMMN	Possible elevated stutter present in item 4-SF (victim's skirt - sperm fraction) @ D3S1358 - the allele call of 18 is possible n-4 stutter; the acceptable stutter percentage is $\leq 11.9\%$; the stutter percentage present @ D3S1358 is 13.2%.
Q2ELCJ	* In the non-sperm/epithelial fraction of Item 4, the 12 peak at genetic locus D5S818 is possible elevated N-4 stutter at 9.7%.
Q3TTVE	N/A = not applicable.
QBNNWJ	Item 4 epithelial fraction (Fusion): 25 allele was detected at locus FGA and this allele does not correspond to the major donor which matches the victim, nor the unknown male profile developed in the sperm fraction. This allele is below our laboratory's stochastic threshold, and has lower RFUs in comparison with the other alleles detected from the minor donor. Additionally, 25 is not present in any other sample or control processed with this test. This type could possibly be an artifact (in n+4 stutter position of 24 allele) and not from a third donor. Item 4 epithelial fraction (Y23): 19 allele was detected at locus DYS570, the only indication of a second possible donor. This allele is just above the detection threshold and much lower in comparison with the other types detected (~8x lower than the lowest peak in the haplotype). Additionally, 19 is not present in any other sample or control processed with this test. This type could be an artifact (n-8 stutter).
QH69XB	Sample 04A (Item 4) is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
QMCUQE	*We did not detect allele at Loci YGATAH4 in item 2 and 3. There is an off ladder allele in size of 368.8 bp that is falling near DYS456. This off ladder allele appears to be related to YGATAH4. We are assuming an anomaly with the PowerPlex Y23 kit.
QTJKTK	The suspect can be excluded as the donor of the biological material on Item 4. (Victim's skirt) (blood & semen stain). The suspect can be included as the donor of the biological material on Item 3 (his own shirt) - No evidential value. Note: Semen profile obtained from Item 4 can together with victim criteria be read into the blood mixture also obtained from Item 4.
QV8TGM	Item #1: D13S317 stutter 11.4%
QVTBF3	The questioned stain from the suspect's shirt (item 3) was analyzed using high sensitivity DNA testing procedures in addition to regular procedures. High sensitivity DNA testing results are concordant with the reported results.
QZ3MEN	NR = No result. [] = minor allele. * = other peaks possible (data below laboratory's stochastic threshold). Item 4, e-fraction type at D3S1358 = 14,15,19.
R4XBF9	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
R7NYTG	A negative control did not perform as expected. It did not affect the results. Item 4e was interpreted as a single source, although it showed an additional two peaks that were attributed to artifacts and/or possible allele from an additional donor.
R9BHUF	ABA = ABA Card Hematrace.
REGEEF	[From Table 3 - Item 2 YSTR Results: "OLA - off ladder allele. bp - base pair."]
RFTETF	Results at D2S1338 in item 4e indicate a mixture of DNA from three individuals. Allele 23 exceeds the maximum stutter guideline of 15% for this locus. However, the possibility that 23 is elevated stutter cannot be excluded.
RHF34F	<8 allele for Item 2 and Item 3 at locus YGATA in YSTR results is a variant allele. Both these two samples were re-injected to confirm the Off Ladder allele result.
RMPFLE	Screening test performed by forensic biologist. Results/interpretation based on nuclear DNA results and #3 for mito. Item #4 for mtDNA testing was a mixture - we do not interpret mixtures.

TABLE 8

WebCode	Additional Comments
RQPRHE	FB screening not performed by DNA analyst.
T73HXR	The amount of DNA from the female portion of Item 4 was extremely low giving levels of DNA in the stochastic range with the possibility for drop-out. Over half of the sample was used for testing so this does not seem to be a suitable level of DNA for a proficiency testing environment to provide consistent results between analysts and labs.
TALD2K	The Victim (Item 1) is the major contributor to the epithelial fraction of Item 4. An Unknown Male is the minor contributor to the epithelial fraction and the sole contributor to the sperm fraction of Item 4.
TEDKJT	Peaks at the '18' location at D3S1358 were detected above the stutter filter for Item 3 SP and E fractions. These were not reproducible upon re-amplification. They are deemed inconclusive as possible elevated stutter.
TUQHEZ	The epithelial cell fraction of the differential extraction of item #4 contained possible elevated stutter at D3S1358 when amplified with Identifiler Plus. The remainder of the profile appeared to be a two person mixture and showed no other indications of additional contributors. However, because this is a mixture profile, it is being treated as it would be in casework and the "18" being called was entered as a true allele.
TWRJGH	Items 2 and 3 had a variant allele at locus YGATAH4 that was binned as an OL allele with locus DYS456. Subsequent reinjections of each sample showed the same results, ruling out possible sample migration on the genetic analyzer. The presence of a labeled allele 15 in both items 2 and 3 at DYS456 and no labeled alleles at YGATAH4 led to the conclusion that the additional allele detected at DYS456 is actually a YGATAH4 variant allele (<8 in both samples) and was reported as such. Elevated n-4 stutter observed in item 4 (sperm fraction) at genetic loci D3S1358 (18 @ 11.98%, up to 11.9% allowed) and DYS635 (21 @ 13.4%, up to 12% allowed).
UAV9UB	N/A = Not Applicable. □ = locus contains allele(s) below stochastic threshold (<200rfu).
UDTUH8	1) Item 1 and Item 2 were amplified by using AmFiSTR[sic] Direct Kit. 2) Item 3 and Item 4 was extracted using the chelex method and quantification was carried out using the Quantifiler Human DNA Quantification Kit. 3) Item 3 and Item 4 were amplified using the AmpFiSTR Identifiler Plus Kit. 4) Y-STR analysis was carried out on Item 2, Item 3 and Item 4 using the AmpFiSTR YFiler Kit. 5) Reagent Blank, Positive and Negative Control were also incorporated throughout the analysis.
UDXCF6	MiniFiler loci tested are condordant[sic] with Identifiler Plus results for Item 3. MiniFiler loci tested are condordant[sic] with Identifiler Plus results for Item 4.
V6KFF6	^ = Below the stochastic threshold (200 RFUs). The minor component detected in the epithelial fraction of item 4 appears to be incomplete separation from the sperm fraction of item 4.
VFFNZT	No interpretations performed. Proficiency used for screening purposes only.
VQUVNF	No mitochondrial tests were performed on Items 1 or 2. No tests were performed on Items 3 or 4.
VUWNN7	Item 4 produced a confirmed mixture during autosomal processing. As such, this sample was not processed for mitochondrial DNA results as it was deemed not applicable.
WCE3NG	Item 1A: 23 at FGA detected, elevated stutter n+4/n-4 (15.3%).
WJFEKD	Part I [Table 1]: Screening tests were not performed because this testing is outside of the job description for a Forensic Technician. Part III [Table 7]: DNA Interpretation was not performed because this testing is outside of the job description for a Forensic Technician. 12 allele detected at D7S820, item 4SP may be due to elevated stutter.
WK8H9E	Inclusion of the victim on item 4 refers to the epi fraction of item 4. * = Inconclusive for the presence of additional allele(s).
WKPWPG	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

TABLE 8

WebCode	Additional Comments
	attributed to either the victim or the male donor from the sperm fraction.
WMJHME	The following peaks in stutter/overstutter positions were above the laboratory's stutter/overstutter cutoffs: Item 4e - D7S820 (9 - 16.4%), D8S1179 (12 - 12.4%), CSF1PO (11 - 15.6%). Item 4sp - D1S1656 (17.3 - 23.8%), D7S820 (12 - 18.5%).
WR7ZPB	NR = No results obtained
X6RGA3	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
X6U4RG	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes. Items 1, 2, 3, and 4 were processed for mtDNA analysis. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors. A mixed mtDNA profile was obtained from Item 4 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 4 is not reported, no interpretation can be made between Item 1 and Item 4, and between Item 2 and Item 4.
X7J6J3	Neither mtDNA, γ STRs, nor minifiler were performed on this proficiency test. Minor alleles obtained in the epithelial cell fraction of Ex. 4 are consistent with coming from the same source as the foreign (and single source) male contributor DNA profile obtained in the sperm cell fraction of Ex. 4.
XAK7LK	For Biology Screening Only.
XAKL47	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
XAMZ37	Y-STR and Mito testing are not performed at this laboratory.
XE3BFA	Our laboratory reports virtual alleles falling in between two loci as less than or greater than the smallest or largest typed allele within the locus as designated by the associated allelic ladder. This is symbolized with a < or > symbol accompanying the allele when reporting out the allele type.
XHV3DR	An "OL" allele was detected in the Y GATA H4 for specimens 2 and 3. This allele is smaller than the alleles identified on the ladder at the Y GATA H4 locus (8-13), and therefore is reported as <8, in accordance with our interpretation guidelines.
XLJA4G	Interpretational note for the epithelial fraction of Item 4: The 23 allele detected at genetic locus FGA is not consistent with carry over from the sperm fraction of Item 4, but is consistent with elevated stutter (13%). However, per interpretational guidelines for a mixed DNA profile, the 23 allele at FGA cannot be reported as elevated stutter and is therefore included in the allele table for the epithelial fraction of Item 4.
XMRWL8	<8 = DENOTES THAT THE ALLELE OBSERVED IS A VARIANT ALLELE THAT IS LESS THAN 8 at Y GATA H4. 18^ = DENOTES 18 IS POSSIBLE STUTTER at D3S1358 locus for Item 4sp. 18/19 peak height ratio is 13.55% and filter is 12.27%.
XU93AL	Missing Persons unit reports mixtures as inconclusive.
XY3W98	N/A = not applicable.
Y2PQAL	Item 4 non-sperm fraction-- entire profile very low level.
YAXPU4	No Mitochondrial tests performed on items 1 or 2. No testing performed on items 3 or 4.
YEWDK4	DNA analyst only performed KM testing on items #3 and #4. A qualified Forensic Biologist performed the other blood tests and semen tests.
YFLCPA	Item #1: At 303-309, presence of 7, 8, and 9 Cs. Item #4: mixture
YFRWL7	Mitochondrial and Y-STR testing not performed in this lab.

TABLE 8

WebCode	Additional Comments
YHD442	N/T = not tested.
YJAJEC	Only tested known items 1 and 2.
YQ8GW9	* Inconclusive for the presence of additional allele(s).
YWDAR6	No mitochondrial test performed on item 1 or 2. No tests performed on Items 3 and 4.
YX67FX	Item 4 non-sperm fraction: Very minor 18 allele at D3S1358 is 1% higher than stutter filter for the locus. Allele not edited as elevated stutter because of other minor peaks in the mixture and the indications of a three person mixture based on peak height imbalance.
ZD29MB	The victim is not excluded as a contributor to item 4 epithelial fraction, but is excluded from the sperm fraction. The suspect is not excluded as a contributor to item 4 epithelial fraction if the profile is assumed to originate[sic] from 3 people, but the statistical calculation supports that the DNA did not come from the suspect. The suspect is excluded from item 4 sperm fraction.
ZM8KTZ	No STR results were obtained for the substrate controls.
ZUN2JN	No interpretation performed. Proficiency used for screening purposes only.
ZYDHVE	Items 3 and 4 were not processed for STR analysis and Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 4 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 4 is not reported, no interpretation can be made between Items 1 and 4 or Items 2 and 4.
ZZBVE2	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 15-575: Forensic Biology

DATA MUST BE RECEIVED BY November 2, 2015 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB and ANAB. 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 and/or ANAB.
(Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB or ANAB.

Scenario:

Police are investigating the death and suspected sexual assault of a woman, whose body was found in her home by a neighbor. The neighbor gave a description to police of a man that she noticed leaving the victim's condo the same day that the victim's body was discovered. The description led investigators to the apprehension of a suspect. Police are submitting for analysis a cutting from the suspect's shirt (Item 3) and a cutting from the victim's skirt (Item 4) along with blood samples of the victim and the suspect.

Items Submitted (Sample Pack B5):

- Item 1: Known blood from the victim.
- Item 2: Known blood from the suspect.
- Item 3: Questioned stain from the suspect's shirt. (gold fabric)
- Item 4: Questioned stain from the victim's skirt. (ivory fabric)

Please return all pages of this data sheet.

Page 1 of 10

Participant Code:
WebCode:

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	Ortho-tolidine	O-tol
Alternate Light Source	ALS	Phenolphthalein-Tetramethyl benzidine	PTMB
Kastle Meyer	KM	Prostate Specific Antigen	PSA
Leucomalachite Green	LMG	Tetramethyl benzidine	TMB
Microscopic	Micro		

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
Please indicate the Test(s) Performed on the corresponding line for each type of screening.	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.

Participant Code:
WebCode:

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.
- * If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].
- * 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	D7S820	
A	<i>e</i>	10,11	15,16	8	12,13	7	8
	<i>sp</i>	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	

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

Please return all pages of this data sheet.

Participant Code:
WebCode:

Part II (continued): DNA Results for Known Item 1

STR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

COfiler®/Profiler Plus® _____ PowerPlex® _____

Identifiler® _____ Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

YSTR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler® _____ PowerPlex® Y _____

Other _____

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

Participant Code:
WebCode:

Part II (continued): DNA Results for Known Item 2

STR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

COfiler®/Profiler Plus® _____ PowerPlex® _____

Identifiler® _____ Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

YSTR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler® _____ PowerPlex® Y _____

Other _____

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

Participant Code:
WebCode:

Part II (continued): DNA Results for Questioned Item 3

STR Amplification Kit(s) Used For Item 3: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

<input type="checkbox"/> COfiler®/Profiler Plus® _____	<input type="checkbox"/> PowerPlex® _____
<input type="checkbox"/> Identifiler® _____	<input type="checkbox"/> Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
3						

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
3						

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
3						

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
3						

YSTR Amplification Kit(s) Used For Item 3: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

<input type="checkbox"/> Yfiler® _____	<input type="checkbox"/> PowerPlex® Y _____
<input type="checkbox"/> Other _____	

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3								

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
3								

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
3							

Please return all pages of this data sheet.

Participant Code:
WebCode:

Part II (continued): DNA Results for Questioned Item 4

STR Amplification Kit(s) Used For Item 4: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

COfiler®/Profiler Plus® _____ PowerPlex® _____

Identifiler® _____ Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
4						

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
4						

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
4						

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
4						

YSTR Amplification Kit(s) Used For Item 4: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler® _____ PowerPlex® Y _____

Other _____

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4								

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
4								

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
4							

Please return all pages of this data sheet.

Participant Code:
WebCode:

Part II (continued): Mitochondrial Sequencing Results

List the bases sequenced and base position deviations from the standard Anderson sequence for each item.

		Item 1	Item 2	Item 3	Item 4
Hypervariable Region I (HVR I)	Bases Sequenced				
	Deviations				
Hypervariable Region II (HVR II)	Bases Sequenced				
	Deviations				

If additional space is needed, copy this page or attach your own form following this layout

Please return all pages of this data sheet.

Participant Code:
WebCode:

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"/>

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

Part IV: ADDITIONAL COMMENTS

Comments regarding any part of this Forensic Biology 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 ASCLD/LAB 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.

<p>Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by November 02, 2015 to be included in the report.</p>	
<p>QUESTION?
TEL: +1-571-434-1925 (8 am - 4:30 pm EST)
EMAIL: forensics@cts-interlab.com
www.ctsforensics.com</p>	<p>ONLINE DATA ENTRY: www.cts-portal.com
FAX: +1-571-434-1937
MAIL: Collaborative Testing Services, Inc.
P.O. Box 650820
Sterling, VA 20165-0820 USA</p>

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. **15-575: Forensic Biology**

This release page must be completed and received by **November 2, 2015** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

ASCLD/LAB RELEASE

If your lab has been accredited by ASCLD/LAB and you are submitting this data as part of their external proficiency test requirements, have the laboratory's designated individual complete the following.

The information below must be completed in its entirety for the results to be submitted to ASCLD/LAB.

ASCLD/LAB Legacy Certificate No. _____ ASCLD/LAB International Certificate No. _____

Signature _____ Date _____

Laboratory Name _____

Location (City/State) _____

ANAB RELEASE

If your laboratory maintains its accreditation through ANAB, please complete the following form in its entirety to have your results forwarded.

ANAB Certificate No. _____

Signature and Title _____ Date _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release

Return Instructions

Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.

*Questions? Contact us 8 am-4:30 pm EST
Telephone: +1-571-434-1925
email: forensics@cts-interlab.com*

Please return all pages of this data sheet.

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