



Forensic Biology Test No. 16-575 Summary Report

This proficiency test was sent to 774 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 653 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, white and silver zig-zag material (Item 3) and one on clean, purple and white checkered material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains in Items 1 - 4 were prepared from human whole blood which was drawn into citric acid preservative blood bank bags. Item 1 (75 μ l) and Item 4 (50 μ l) were created using blood collected from a female donor, Item 2 (75 μ l) was created using blood collected from a male donor. The Item 3 (50 μ l) 1:1 mixture was created using blood collected from the Item 2 donor and a second male whose known DNA sample was not provided. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on September 7th, 2016 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

<i>Amelogenin and STR Results</i>						
<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	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
2	16,17.3	19,23	10,13	16,16	11,12	9,9
	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15	15,19	6,7	8,8	16,17
3	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
4	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17

<i>YSTR Results</i>								
<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	14,18	14	31	22	10	11	13
	14	11	12	21	15	15	26	11
	12	14	18	21	12	10	2	
3	15,17	14,16,18	14	31	21,22	10,11	11	13
	14	11	12	20,21	15,16	15,16	26	11
	10,12	14,16	16,18	21	12,13	10,11	2	

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	52-399	16019-16386
2	52-399	16006-16390
4	39-367	16001-16367

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

	263.0	309.1	315.1	16357.0
ITEM 1	G	C	C	C

	93.0	95.0	185.0	189.0	236.0	247.0	263.0	309.1	309.2	315.1	16129.0	16148.0	16168.0	16172.0	16187.0	16188.0	16189.0	16223.0	16230.0	16278.0	16311.0	16320.0
ITEM 2	G	C	A	G	C	A	G	C	C	C	A	T	T	C	T	G	C	T	G	T	C	T

	263.0	309.1	315.1	16357.0
ITEM 4	G	C	C	C

Summary Comments

The 16-575 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). Items 1 and 4 were created with blood from the same female donor. Item 2 was created with blood collected from a male donor. The Item 3 mixture contained the blood from the Item 2 male donor and blood from a second male donor whose known blood standard was not provided to participants. (See Manufacturer's Information for preparation details)

Data were returned by a total of 653 participants, of these, 593 reported serology screening results, and 632 reported DNA results.

Screening Test Results:

For Item 3, 582 participants reported "Positive" for the presence of blood and one reported "Negative". There were 282 participants returning results for the presence of semen, all of which reported "Negative". There were 102 participants that reported "Negative" results for the presence of saliva and one that reported "Inconclusive".

For Item 4, 582 participants reported "Positive" for the presence of blood and one reported "Negative". There were 279 participants returning results for the presence of semen, all of which reported "Negative". All 100 participants that returned results for the presence of saliva reported "Negative".

DNA Analysis Results

Of the 632 participants reporting DNA results, 37 did not report any DNA interpretations. All but one of these participants stated that they analyzed the samples for database purposes only, the remaining participant left this section blank.

For the Item 3 mixture, 582 participants excluded the victim (Item 1) as a possible contributor, while three reported inconclusive results, and 11 participants reported no conclusions. A total of 582 participants included the suspect (Item 2) as a possible contributor to this mixture, while four reported inconclusive results, and 10 participants reported no conclusions.

For the Item 4 stain, 595 participants included the victim (Item 1), while one reported no conclusions. A total of 593 participants excluded the suspect (Item 2) as a possible contributor to the Item 4 stain, while 3 participants reported no conclusions.

Twenty-two participants reported allelic results that differed from the consensus/predistribution results. Of these, fifteen participants reported additional alleles at one or more loci, four participants reported an inconsistent allele at one or more loci and three participants were missing alleles at one or more loci. For ten participants that reported additional alleles, ten specifically noted that the additional alleles were either possible stutter or below the stochastic reporting threshold of the laboratory.

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			
	Blood	Semen	Saliva	Other
22B76F				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
22RX4L				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
22VF7Q				
Item 3	Pos KM, Tak	NT	NT	
Item 4	Pos KM, Tak	NT	NT	
24KLQN				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
26BWCA				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	
29B4ZT				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
2E6TQX				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
2GL87R				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2MX7NC				
Item 3	Pos LMG, TMB	Neg AP, ALS	NT	
Item 4	Pos LMG, TMB	Neg AP, ALS	NT	
2N6Q7K				
Item 3	Pos O-tol	Neg ALS, AP, Micro, PSA	Neg Amylase	
Item 4	Pos O-tol	Neg ALS, AP, Micro, PSA	Neg Amylase	
2PHZG7				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
2RP9UX				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
2VL9JT				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
2Y6N3D				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
2YM6FE				
Item 3	Pos LMG, TMB	Neg ALS, AP	NT	
Item 4	Pos LMG, TMB	Neg ALS, AP	NT	
34BERK				
Item 3	Neg acid phosphatase test			
Item 4	Neg acid phosphatase test			
37YD2T				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
38EBVE				
Item 3	Pos KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
39QH83				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
3CPNBR				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
3CUB4L				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
3G3U4Z				
Item 3	Pos TMB	Neg ALS/AP	NT	
Item 4	Pos TMB	Neg ALS/AP	NT	
3GJRFC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
3K4NXB				
Item 3	NT	NT	NT	Human, Pos Quantifiler Duo
Item 4	NT	NT	NT	Human, Pos Quantifiler Duo
3KYMUN				
Item 3	Pos KM, Hexagon OBTI	NT	NT	
Item 4	Pos KM, Hexagon OBTI	NT	NT	
3LCL2X				
Item 3	Pos Combur TMB, KM	Neg AP, p30	Neg Phadebas	
Item 4	Pos Combur TMB, KM	Neg AP, p30	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
3LQMTK				
Item 3	Pos OBTI	Neg RSID	Neg RSID	
Item 4	Pos OBTI	Neg RSID	Neg RSID	
3NHJZ				
Item 3	Pos O-tol, HT	NT	NT	
Item 4	Pos O-tol, HT	NT	NT	
3TCHR4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
3TW84W				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace
3TX8ZQ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
3VH2WQ				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
3VZH2D				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
3YZQ89				
Item 3	Pos O-tol	NT	NT	Human Blood, Pos RSID
Item 4	Pos O-tol	NT	NT	Human Blood, Pos RSID
3ZW26W				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
43WZ9G				
Item 3	Pos KM Takayama	NT	NT	
Item 4	Pos KM Takayama	NT	NT	
44QZZZ				
Item 3	Pos Phen, OBTI	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos Phen, OBTI	Neg AP, PSA, Micro	Neg Phadebas	
44WZB3				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
47D2XE				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
494NN4				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
49PZPX				
Item 3	Pos TMB	Neg ALS, AP		
Item 4	Pos TMB	Neg ALS, AP		
4BWRNJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
4DG2BP				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
4EV9YR				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
4GWEDX				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB	NT	NT	
4GWYXY				
Item 3	Pos TMB, Hemachromagen	NT	NT	
Item 4	Pos TMB, Hemachromagen	NT	NT	
4GZNZB				
Item 3	Pos TMB, LMG	Neg ALS, AP	NT	
Item 4	Pos TMB, LMG	Neg ALS, AP	NT	
4JKHT6				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
4KDDC8				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
4KE9YJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
4MKNCG				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
4NUHA3				
Item 3	Pos KM test, Hematrace	Neg AP test	NT	
Item 4	Pos KM test, Hematrace	Neg AP test	NT	
4QKADD				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
4REK4U				
Item 3	Pos LMG, HemaTrace	Neg AP (brentamine)	NT	
Item 4	Pos LMG, HemaTrace	Neg AP (brentamine)	NT	
4TTWXR				
Item 3	Pos KM, qRT-PCR	NT	NT	
Item 4	Pos KM, qRT-PCR	NT	NT	
62DMV4				
Item 3	Pos KM, TMB	NT	NT	
Item 4	Pos KM, TMB	NT	NT	
62H8H8				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
69YN3U				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace
6AD3NH				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
6C7QBK				
Item 3	Pos KM & Takayama	NT	NT	
Item 4	Pos KM & Takayama	NT	NT	
6CYCQA				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
6FFCTP				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6GW9GJ				
Item 3	Pos Hemastix, OBTI	NT	NT	
Item 4	Pos Hemastix, OBTI	NT	NT	
6J4GUA				
Item 3	Pos TMB	Neg AP, ALS, Micro		Origin, Pos HemaTrace
Item 4	Pos TMB	Neg AP, ALS, Micro		Origin, Pos HemaTrace
6LTRP9				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	
6RDFBJ				
Item 3	Pos KM, O-tol, RSID-Blood, Hematrace	NT	NT	
Item 4	Pos KM, RSID-Blood	NT	NT	
6RU4MQ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
6VYPFX				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
6W6EDZ				
Item 3	Pos LMG	Neg PSA, Micro	NT	
Item 4	Pos LMG	Neg PSA, Micro	NT	
6X3XQF				
Item 3	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
Item 4	Pos KM, RSID-Blood	NT	NT	
6XX8AJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6XY3WV				
Item 3	Pos Visual, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
6YDEQU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
749GHZ				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace
74F3L8				
Item 3	Pos Hemastix			
Item 4	Pos Hemastix			
7863A4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
79DJX2				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
79ZNYN				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
7ARETL				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
7EYJCT				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7FFNVC				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
7G8PV9				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
7G8ZZ6				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
7GQBNY				
Item 3	Pos Hemastix, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP, Micro, PSA	NT	
7HLWGP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
7JWUU8				
Item 3	Pos KM, Tak, HemaTrace	NT	Neg RSID-Saliva	Human, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Tak, HemaTrace	NT	Neg RSID-Saliva	Human, Pos HemaTrace, Plexor HY
7P4G7N				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
7QF27K				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
7TJWPM				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7ZHCLM				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
7ZN4LW				
Item 3	Pos KM, ABA	NT	NT	
Item 4	Pos KM, ABA	NT	NT	
876NXU				
Item 3	Pos LMG, HemaTrace			
Item 4	Pos LMG, HemaTrace			
88KQ3H				
Item 3	Pos ABA heme	Neg PSA, Micro	NT	
Item 4	Pos ABA heme	Neg PSA, Micro	NT	
89TZUE				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	
8AMLN7				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	
8DQHBF				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	
8E3LWC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
8FVHJK				
Item 3	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg Amylase Diffusion	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8JAPRY				
Item 3	Pos HS, HT	Neg AP, PSA, Micro	NT	
Item 4	Pos HS, HT	Neg AP, PSA, Micro	NT	
8JCFZ3				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	
8K8ZPM				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
8LXGKG				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
8PC2JP				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
8PEJP2				
Item 3	Pos KM, Ouchterlony	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, Ouchterlony	Neg ALS, AP, PSA, Micro	NT	
8R3PUB				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
8TJHC9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
8VPLRW				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8WJXHB				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
8YKJ6U				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
92TZXX				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
93MNFU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
94XQ2R				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
966T36				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG Presumptive test	NT	NT	
98EXJZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
9998KA				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
9BE4ZR				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9CLLYM				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
9GFNYF				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
9GMVJH				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
9JLYYQ				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	
9K4RXE				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
9LF3Y6				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
9NKQGG				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
9PE4TU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
9UA66M				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9YKX22				
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase by Radial Diffusion	
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase by Radial Diffusion	
A3FW44				
Item 3	Pos KM, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, Plexor HY
A8DHQZ				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	
AAGJZQ				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
AAZVUC				
Item 3	Pos KM, Takayama, Luminol, HemDirect	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos KM, Luminol	Neg AP, ALS	Neg Amylase Diffusion	
AB9CJV				
Item 3	NT	Neg AP	NT	
Item 4	NT	Neg AP	NT	
ADY7RW				
Item 3	Pos KM	NT	NT	Human Origin, Pos HT
Item 4	Pos KM	NT	NT	Human Origin, Pos HT
AF4YJB				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
AGF7UB				
Item 3	Pos O-tol	Neg AP		
Item 4	Pos O-tol	Neg AP		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
AGWRET				
Item 3	Pos KM			
Item 4	Pos KM			
AGWYBU				
Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
AJL4CD				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
AKEKEF				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
ANVNUJ				
Item 3	Pos LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva	
Item 4	Pos LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva	
ANY7WN				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
APDZRA				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
APRRV8				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
AWZUM				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
B3VAPY				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
B47FHA				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
B7VG8B				
Item 3	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
Item 4	Pos KM, RSID-Blood	NT	NT	
B87NQQ				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
B8NCUJ				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
BCJD7U				
Item 3	Pos O-tol, HemaTrace	NT	NT	
Item 4	Pos O-tol, HemaTrace	NT	NT	
BDBZRB				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
BL9RXJ				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
BNEHFE				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BQY6XL				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PTMB	Neg ALS, AP	NT	
BUGRM8				
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
BWRUBR				
Item 3	Pos TMB, IR	Neg ALS, AP	NT	
Item 4	Pos TMB, IR	Neg ALS, AP	NT	
BZ8BHB				
Item 3	Pos KM, Micro-Takayama	Neg ALS, AP, PSA, Micro-Sperm	NT	
Item 4	Pos KM, Micro-Takayama	Neg ALS, AP, p30, Micro-Sperm	NT	
BZPP2Y				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
C43C7B				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Duo
Item 4	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Duo
C7PYUR				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
C7RN3V				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
C863LX				
Item 3	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CCBG3E				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	NT	NT	
CD9RZ3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
CDCQ7R				
Item 3	Pos Kastle-Meyer	Neg Microscopic, p30, ALS	NT	
Item 4	Pos Kastle-Meyer	Neg Microscopic, p30, ALS	NT	
CEKWP8				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
CEMLRJ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
CEMLU4				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
CFG8MV				
Item 3	Pos HemDirect	NT	NT	
Item 4	Pos HemDirect	NT	NT	
CH3NLM				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	NT	NT	
CK9L4P				
Item 3	Pos O-tol			
Item 4	Pos O-tol			

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CPKZYN				
Item 3	Pos H/S, H/T	NT	NT	
Item 4	Pos H/S, H/T	NT	NT	
CRB23Q				
Item 3	Pos LMG			
Item 4	Pos LMG			
CRRMN9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
CUDN9M				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
CUEJVY				
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY
CV9A2E				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
CVB2TU				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
CWJJ2J				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
CYMUZM				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
D2BJ4Z				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, Micro	NT	
D786ZA				
Item 3	Pos KM, Lum, Tak, HemDirect	Neg ALS, Micro, AP	Neg Amylase Diffusion	
Item 4	Pos KM, Lum, Tak, HemDirect	Neg ALS, Micro, AP	Neg Amylase Diffusion	
D7MLWM				
Item 3	Pos TMB	Neg ALS and AP	NT	
Item 4	Pos TMB	Neg ALS and AP	NT	
DBJ7YL				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace
DCDYU6				
Item 3	Pos TMB & HemaTrace	Neg ALS & AP	NT	
Item 4	Pos TMB & HemaTrace	Neg ALS & AP	NT	
DD62CE				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
DDAART				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
DJAXZK				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
DK3UMT				
Item 3	Pos Hemastix / HemaTrace	Neg AP / PSA / Micro	NT	
Item 4	Pos Hemastix / HemaTrace	Neg AP / PSA / Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DKJP92				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
DKRMQR				
Item 3	Pos KM	Neg AP, Micro for Sperm cells	NT	
Item 4	Pos KM	Neg AP, Micro for Sperm cells	NT	
DLDF4				
Item 3	Pos TMB	Neg AP, ALS, PSA, Micro	NT	
Item 4	Pos TMB	Neg AP, ALS, PSA, Micro	NT	
DQAB6U				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	NT	
DQNNJQ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
DQXDX4				
Item 3	Pos TMB, KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos TMB, KM, HemaTrace	Neg ALS, AP, Micro	NT	
DV4KJE				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
DWGN3T				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
DXTHMY				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DY6N9G				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
DY6ZYD				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
DYAH2H				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	
DZFPXZ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
E3JELA				
Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
E4C9HT				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
EEVLGP				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
EFLDJZ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
EGKEM7				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
EGN48Q				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	NT	NT	
EHCREJ				
Item 3	Pos LMG	Neg SM	NT	
Item 4	Pos LMG	Neg SM	NT	
EML3CK				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
EQB89X				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	
ETF3QF				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
ETXJWM				
Item 3	Pos Hemastix, HemaTrace	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg AP, PSA	Neg RSID-Saliva	
EUALWN				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
EWWZ8W				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
F3DTVZ				
Item 3	Pos KM, HemDirect	Neg AP, ALS, Micro, PSA	NT	
Item 4	Pos KM, Hem Direct	Neg AP, ALS, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
F8UJGH				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
FAFEUB				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
FBNJAK				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
FFHLCY				
Item 3	Pos Hemastix	NT		epithelial cells
Item 4	Pos Hemastix	NT		epithelial cells
FFMVEW				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
FLNAVR				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
FMP6J4				
Item 3	Pos KM; Takayama	Neg AP	NT	
Item 4	Pos KM; Takayama	Neg AP	NT	
FNG7HZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
FTBZK9				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FW643E				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
FWWMCV				
Item 3	Pos KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
Item 4	Pos KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
FYXWXX				
Item 3	Pos O-tol, HemDirect	Neg AP		
Item 4	Pos O-tol, HemDirect	Neg AP		
FZCAQZ				
Item 3	Pos TMB	Neg ALS, AP		Human Origin, Pos HemaTrace
Item 4	Pos TMB	Neg ALS, AP		Human Origin, Pos HemaTrace
G89ECP				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas (Amylase)	
Item 4	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas (Amylase)	
GBKGXK				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
GCKEE9				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
GCLK3A				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	NT	NT	
GDVEDM				
Item 3	Pos TMB, Micro	NT	NT	
Item 4	Pos TMB, Micro	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GKTXRC				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
GMZBDK				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
GENE76Y				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
GNWLB9				
Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
GP7TAU				
Item 3	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-screening
GPLHNL				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
GRWVG4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
GUH89Y				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
GWLZ3X				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GWQUVY				
Item 3	Pos O-tol	Neg AP, Micro	Neg Amylase	
Item 4	Pos O-tol	Neg AP, Micro	Neg Amylase	
GXJBWF				
Item 3	Pos PTMB, HemaTrace	Neg AP	Neg Phadebas tablet	
Item 4	Pos PTMB, HemaTrace	Neg AP	Neg Phadebas tablet	
GXVG8H				
Item 3	Pos KM	Neg Micro, P30, ALS	NT	
Item 4	Pos KM	Neg Micro, P30, ALS	NT	
GYAEPM				
Item 3	Pos Combur (TMB), KM	Neg PSA, AP	Neg Phadebas	
Item 4	Pos Combur (TMB), KM	Neg PSA, AP	Neg Phadebas	
H2BD7T				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
H4M6LN				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace
H6XT3F				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
H7NHCF				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet Test	Urine Uritrace
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet Test	Urine, Neg Uritrace
H8J32Z				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
H9J467				
Item 3	Pos KM, OT	NT	NT	
Item 4	Pos KM, OT	NT	NT	
H9VXK7				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	NT	NT	
HARQR7				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
HCVEAG				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
HE42UU				
Item 3	Pos O-tol	NT	NT	Human Blood, Pos RSID
Item 4	Pos O-tol	NT	NT	Human Blood, Pos RSID
HJZDLR				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	
HL63QL				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	NT	NT	
HLKWC9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
HNRPF3				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HPL9PG				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
HQEVNJ				
Item 3	Pos Hemochromogen	NT	NT	
Item 4	Pos Hemochromogen	NT	NT	
HQJHGD				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
HT2M6B				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
HT3M3P				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
HV8XRJ				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
HW4LKA				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
HXYRR9				
Item 3	Pos O-tol	Neg AP	Neg Phadebas	
Item 4	Pos O-tol	Neg AP	NT	
J2RDX2				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
J6UN2B				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
J77QZA				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
JA6UKN				
Item 3	Pos KM, HemDirect	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemDirect	Neg AP, Micro	Neg RSID-Saliva	
JAK3LC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JBXMEL				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	
JEVBT9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JEZYJF				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
JFUPPU				
Item 3	Pos O-tol; Ppth; color	Neg AP	NT	
Item 4	Pos O-tol; Ppth; color	Neg AP	NT	
JGM3AK				
Item 3	Pos HemDirect	NT	NT	
Item 4	Pos HemDirect	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JJVFN2				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
JK6CA7				
Item 3	Pos KM			
Item 4	Pos KM			
JKPGYC				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
JN69NJ				
Item 3	Pos KM/ TMB	Neg AP/ PSA	Neg Phadebas	
Item 4	Pos KM/TMB	Neg AP/PSA	Neg Phadebas	
JN89ZZ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JN9X7H				
Item 3	Pos KM, HemDirect	NT	NT	
Item 4	Pos KM, HemDirect	NT	NT	
JPGKQV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JPJ3HL				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
JPZ2TX				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JQDLMT				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JRPXC3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JTD4D9				
Item 3	Pos RSID Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos RSID Blood	Neg RSID-Semen	Neg RSID-Saliva	
JTWULT				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
JUAEGN				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
JW2B4W				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
JWDAX7				
Item 3	Pos KM; HemaTrace	Neg AP	NT	
Item 4	Pos KM; HemaTrace	Neg AP	NT	
JWYL2L				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	
JWZEX8				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JZJHJJ				
Item 3	Pos KM, OBTI-Human	NT	NT	
Item 4	Pos KM, OBTI-Human	NT	NT	
K26UJ2				
Item 3	Pos Visual, Lum, KM, Tak, HemDirect	Neg Visual, ALS, AP, Micro	Neg Visual, Amylase Diffusion	
Item 4	Pos Visual, Lum, KM, Tak, HemDirect	Neg Visual, ALS, AP, Micro	Neg Visual, Amylase Diffusion	
K2P9CK				
Item 3	Pos TMB, MICRO	NT	NT	
Item 4	Pos TMB, MICRO	NT	NT	
K2Q88E				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	
K4CUZ2				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
K6B26E				
Item 3	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	NT	NT	
K6KBQK				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
K8VJBJ				
Item 3	Pos KM, ABACard	NT	NT	
Item 4	Pos KM, ABACard	NT	NT	
KAKK2L				
Item 3	Pos KM	Neg AP	NT	Male DNA, Pos Y-screening
Item 4	Pos KM	Neg AP	NT	Male DNA, Neg Y-screening

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KBE7UD				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
KEWTGC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
KF88XD				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
KGH6AA				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
KGKW2P				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
KPFZ6M				
Item 3	Pos KM+	Neg AP-, Micro (-) for Sperm	NT	
Item 4	Pos KM+	Neg AP-, Micro (-) for Sperm	NT	
KQBTCJ				
Item 3	Pos KM, ABACard	NT	NT	
Item 4	Pos KM, ABACard	NT	NT	
KTVAG6				
Item 3	Pos Heme	Neg PSA, Micro	NT	
Item 4	Pos Heme,	Neg PSA, Micro	NT	
KU7AEK				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KU89BE				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
KU9YL3				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quantifiler Duo
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quantifiler Duo
KUP38H				
Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
KUQK3C				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Neg AP	NT	
KXNGTL				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
KYFCGF				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
KYJRW2				
Item 3	Pos HemaTrace	Neg ALS	NT	
Item 4	Pos HemaTrace	Neg ALS	NT	
KZVMHU				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP		
Item 4	Pos KM, HemaTrace	Neg ALS, AP		
L26W6Y				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
L2LDYR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
L3FXTJ				
Item 3	Pos LMG, ABA HemaTrace	NT	NT	
Item 4	Pos LMG, ABA HemaTrace	NT	NT	
L3V67N				
Item 3	Pos KM, TMB	NT	Neg RSID, ALS	
Item 4	Pos KM, TMB	NT	Neg RSID, ALS	
L638Q4				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
L6JTCL				
Item 3	Pos KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos KM	Neg AP, Micro for Sperm	NT	
L6KT8F				
Item 3	Pos O-tol, HemaTrace	NT	NT	
Item 4	Pos O-tol, HemaTrace	NT	NT	
L89ZWJ				
Item 3	Pos Hemastix, HemaTrace, Ouchterlony	Neg AP, Micro	Neg Amylase Radial Diffusion, Micro	Human Species, Pos Ouchterlony, qPCR
Item 4	Pos Hemastix, HemaTrace, Ouchterlony	Neg AP, Micro	Neg Amylase Radial Diffusion, Micro	Human Species, Pos Ouchterlony, qPCR
L8P2VE				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
LAUGWV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LC4Y32				
Item 3	Pos Hexagon OBTI		Neg RSID-Saliva	
Item 4	Pos Hexagon OBTI		Neg RSID-Saliva	
LCJ92U				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
LD2ZBE				
Item 3	Pos VISUAL EXAM, LUMINOL, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos VISUAL EXAM, LUMINOL, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
LD4PJH				
Item 3	Pos TMB, Takayama	NT	NT	
Item 4	Pos TMB, Takayama	NT	NT	
LDDWH4				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
LDWP9F				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
LFQB8Y				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
LHBNZU				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
LHTGGD				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LNE6HA				
Item 3	Pos KM	NT	NT	Human, Pos Plexor HY
Item 4	Pos KM	NT	NT	Human, Pos Plexor HY
LNTXRH				
Item 3	Pos RSID	Neg PSA	NT	
Item 4	Pos RSID	Neg PSA	NT	
LPQ7Z3				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
LTVMLD				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
LVH9AU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
LWCU3K				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
LXNNK7				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
LYGK8E				
Item 3	Pos TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
LZ9PGD				
Item 3	Pos Kastle-Meyer			
Item 4	Pos Kastle-Meyer			

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LZDV63				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
M3D278				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
M3EVRX				
Item 3	Pos KM, RSID-Blood	NT	NT	
Item 4	Pos KM HemaTrace	NT	NT	
M46TL6				
Item 3	Pos Hemoglobina Humana	Neg PSA	NT	
Item 4	Pos Hemoglobina Humana	Neg PSA	NT	
M6JBRW				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
M9YP8P				
Item 3	NT	NT	NT	Human, Pos Quantifiler Duo
Item 4	NT	NT	NT	Human, Pos Quantifiler Duo
MDRPPR				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
MFYBTC				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Neg AP	NT	
MGEW3E				
Item 3	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
MJFX6W				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
MKU6QD				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
MKVMJP				
Item 3	Pos KM, Takayama, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Takayama, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, Plexor HY
MNACVL				
Item 3	Pos O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion	
MNB24P				
Item 3	Pos KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-screening
MP78EU				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
MQLEYQ				
Item 3	Pos Red/brown, PHTH, O-tol	Neg AP	NT	
Item 4	Pos Red/brown, PHTH, O-tol	Neg AP	NT	
MT9GYR				
Item 3	Pos TMB	Neg AP, ALS	NT	
Item 4	Pos TMB	Neg AP, ALS	NT	
MUGTCM				
Item 3	Pos KM, LMG, RSID	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, LMG, RSID	Neg AP, PSA, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
MUKBER				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
MUZAGA				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebus	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebus	
MUZJL8				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
MVE2K8				
Item 3	Pos LMG, HemaTrace	Neg AP		
Item 4	Pos LMG, HemaTrace	Neg AP		
MWRKK4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
N6UGLC				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
N7ALEH				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
N9KCUE				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
N9YBWV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NARVA2				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
NAUWKF				
Item 3	Pos KM	NT	NT	Human Blood, Pos ABAcad HemaTrace
Item 4	Pos KM	NT	NT	Human Blood, Pos ABAcad HemaTrace
NBLN6K				
Item 3	NT	Neg AP	NT	Pos Male DNA Screening
Item 4	NT	Neg AP	NT	Neg Male DNA Screening
NH6PN4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
NJVJAR				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
NLYQKQ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
NMHX39				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
NUEKLE				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
NUY233				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NVQ33Y				
Item 3	Pos O-Tol	Neg AP	Neg alpha- amylase	
Item 4	Pos O-Tol	Neg AP	Neg alpha- amylase	
P2Q4DD				
Item 3	Pos OrthO-tolidine	NT	NT	
Item 4	Pos OrthO-tolidine	NT	NT	
P68DKP				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
P74NHD				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
P8WK6L				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
P8XXL9				
Item 3	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
P9T4XF				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	NT	NT	
P9TJEY				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos KM	NT	NT	
PA7K99				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PA9C4U				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
PC9MVN				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
PEFBLT				
Item 3	Pos KM, HemDirect	NT	NT	
Item 4	Pos KM, HemDirect	NT	NT	
PEZJM4				
Item 3	Pos KM, RSID, LMG, TMB	Neg AP, RSID	Neg RSID, Phadebas	
Item 4	Pos KM, RSID, LMG, TMB	Neg AP, RSID	Neg RSID, Phadebas	
PF79JK				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
PG9RU3				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
PJVDHJ				
Item 3	NT	Neg AP	NT	
Item 4	NT	Neg AP	NT	
PKNWAP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
PMTMWR				
Item 3	Pos TMB	Neg AP, Micro, PSA, ALS	NT	
Item 4	Pos TMB	Neg AP, Micro, PSA, ALS	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PR8V64				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
PR9PQV				
Item 3	Pos KM, O-tol	NT	NT	
Item 4	Pos KM, O-tol	NT	NT	
PUU3KE				
Item 3	Pos TMB, Takayama	NT	NT	
Item 4	Pos TMB, Takayama	NT	NT	
PUWQM				
Item 3	Pos TMB, LMG	Neg ALS, AP	NT	
Item 4	Pos TMB, LMG	Neg ALS, AP	NT	
PWVC7F				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
PWZQGV				
Item 3	Pos KM	Neg AP, p30, micro for sperm	NT	
Item 4	Pos KM	Neg AP, p30, micro for sperm	NT	
PXBBKY				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
PXCTFU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
PYPVFU				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Q37F3A				
Item 3	Pos KM	NT	NT	Human Origin testing, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin testing, Pos HemaTrace
Q4FX7T				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
Q4VJBN				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
Q76V9C				
Item 3	Pos LMG; HT=HemaTrace	NT	NT	
Item 4	Pos LMG; HT=HemaTrace	NT	NT	
Q7JTPV				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
Q7MUH4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
Q8VZ2J				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	
Q969L4				
Item 3	Pos Phenolphthalein	NT	NT	
Item 4	Pos Phenolphthalein	NT	NT	
Q9AJR9				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Q9NHPJ				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
QBUDK3				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Microscopic	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Microscopic	NT	
QC93LU				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
QCQRC2				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
QD24YP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
QJAPN9				
Item 3	Pos PTMB, HemaTrace	NT	NT	
Item 4	Pos PTMB, HemaTrace	NT	NT	
QKFAAM				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
QLERJY				
Item 3	NT	NT	NT	
Item 4	NT	NT	NT	
QLFF6J				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QLVZAE				
Item 3	Pos Hemastix, KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos Hemastix, KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
QU9QGY				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
QU9YZJ				
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	
QVFAWM				
Item 3	Pos			
Item 4	Pos			
QVZF8Q				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
QVZGBX				
Item 3	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
Item 4	Pos KM, RSID-Blood	NT	NT	
QWCRUG				
Item 3	Pos Bluestar, Hexagon OBTI	NT	NT	
Item 4	Pos Bluestar, Hexagon OBTI	NT	NT	
QXDDYA				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
QZXXNR				
Item 3	NT	Neg AP	NT	
Item 4	NT	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
R3EAVF				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
R64GFC				
Item 3	Pos TMB, Takayama	NT	NT	
Item 4	Pos TMB, Takayama	NT	NT	
R7UQ3Y				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
R88ELX				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
R944YK				
Item 3	Pos PPTH, O-tol, Red brown	Neg AP	NT	
Item 4	Pos PPTH, O-tol, Red brown	Neg AP	NT	
R9LPFW				
Item 3	NT	NT	NT	
Item 4	NT	NT	NT	
RCNL47				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
RDFL43				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
RGD2UY				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RL9WDX				
Item 3	Pos HemeDirect	NT	NT	
Item 4	Pos HemeDirect	NT	NT	
RLBFNF				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
RX47Z7				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
RXLUKM				
Item 3	Pos			
Item 4	Pos			
RYGTHL				
Item 3	Pos TMB, LMG	Neg ALS, AP	NT	
Item 4	Pos TMB, LMG	Neg ALS, AP	NT	
T3TZDX				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
T3VR9K				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
TLNDAC				
Item 3	NT	Neg AP	NT	
Item 4	NT	Neg AP	NT	
TN9KAY				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
TNYBNT				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
TQLXCA				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
TTPUGB				
Item 3	Pos KM, OBTI	Neg AP, ALS, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg AP, ALS, PSA, Micro	Neg Phadebas	
TTRDMM				
Item 3	Pos O-tol	Neg AP		
Item 4	Pos O-tol	Neg AP		
TUHGGU				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	
TZP6X2				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
U2WPFA				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
U3PX66				
Item 3	Pos KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos KM	Neg AP, ALS	Neg Amylase Diffusion	
U4YCJJ				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
U7MCRV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UBMZFA				
Item 3	Pos KM, ABACard	NT	NT	
Item 4	Pos KM, ABACard	NT	NT	
UBPZP6				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
UCW6TY				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
UDN2HT				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UFR9Q7				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UFZ78X				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
UHRMRVE				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
UJFMEG				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UJUAQ4				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
ULKBXC				
Item 3	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
UMFQAA				
Item 3	Pos KM	Neg p-30, Micro, ALS	NT	
Item 4	Pos KM	Neg p-30, Micro, ALS	NT	
UPNYG9				
Item 3	Pos LMG, HT	NT	NT	
Item 4	Pos LMG, HT	NT	NT	
URMK3J				
Item 3	Pos KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-Screen
Item 4	Pos KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-Screen
URRV6H				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UUG2PE				
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg RSID-Saliva	
Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg RSID-Saliva	
UXXXXH				
Item 3	Pos PHTH, O-tol, Red brown	Neg AP spot	NT	
Item 4	Pos PHTH, O-tol, Red brown	Neg AP spot	NT	
UY8KFB				
Item 3	Pos KM, TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos KM, TMB	Neg AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UZ27A3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UZGM92				
Item 3	Pos KM	NT	NT	Human, Pos Plexor HY
Item 4	Pos KM	NT	NT	Human, Pos Plexor HY
UZK3NN				
Item 3	Pos TMB	Neg AP, ALS	NT	Species Origin (Human), Pos HemaTrace
Item 4	Pos TMB	Neg AP, ALS		Species Origin (Human), Pos
V2QGE7				
Item 3	Pos KM			
Item 4	Pos KM			
V3KM38				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
V3QUAA				
Item 3	NT	Neg AP	NT	
Item 4	NT	Neg AP	NT	
V3Z28V				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Neg AP	Neg Amylase	
V4XC7J				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
V6TLLF				
Item 3	Pos KM, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Takayama	NT	NT	Human Origin, Pos Plexor HY

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VA4BU9				
Item 3	Pos KM, ABACard HemaTrace	NT	NT	
Item 4	Pos KM, ABACard HemaTrace	NT	NT	
VBHCLW				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
VCVA7L				
Item 3	Pos HemeDirect	Neg PSA, Micro	NT	
Item 4	Pos HemeDirect	Neg PSA, Micro	NT	
VEJB3G				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	
VF9CTH				
Item 3	Pos PPTH, O-tol, Red brown color	Neg AP	NT	
Item 4	Pos PPTH, O-tol, Red brown color	Neg AP	NT	
VG3BC6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
VGNYJR				
Item 3	Pos Hemastix(TMB), HemaTrace	NT	NT	
Item 4	Pos Hemastix(TMB), HemaTrace	NT	NT	
VHX7HE				
Item 3	Pos KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
VHZVPW				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VTJCFH				
Item 3	Pos KM	Neg PSA	Neg Seratec Amylase	
Item 4	Pos KM	Neg PSA	Neg Seratec Amylase	
VV8LR6				
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	Neg ALS, AP, Micro	Neg Amylase Diffusion	
VWKQC2				
Item 3	Pos KM			
Item 4	Pos KM			
VXARXX				
Item 3	Pos LMG, RSID-B	Neg AP, RSID-SE	Neg RSID-SA	
Item 4	Pos LMG, RSID-B	Neg AP, RSID-SE	Neg RSID-SA	
VZHLJ				
Item 3	Pos LMG, TMB	Neg ALS, AP	NT	
Item 4	Pos LMG, TMB	Neg ALS, AP	NT	
W9MBWK				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
WA2NM3				
Item 3	Pos KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	NT	NT	Human Origin, Pos HemaTrace
WD4YNP				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
WGJ48Y				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WHUNF9				
Item 3	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
WJ7HXU				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
WPT26V				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
WPU9FJ				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
WPU9H6				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
WRZQGZ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
WTRQFW				
Item 3	Pos TMB, OBTI	NT	NT	
Item 4	Pos TMB, OBTI	NT	NT	
WTU4UX				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
WUQMCL				
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT	HemaTrace, Pos Human
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	HemaTrace, Pos Human

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WVZ83M				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
X3DCYZ				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
X9MLCM				
Item 3	Pos KM, Takayama, Luminol, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos KM, Takayama, Luminol	Neg ALS, AP	Neg Amylase Diffusion	
X9Z3JA				
Item 3	Pos KM Test	NT	NT	
Item 4	Pos KM Test	NT	NT	
XDEQ8D				
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY
XFLKUG				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
XGZFRP				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Quantifiler Duo, Pos Human DNA detected
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Quantifiler Duo, Pos Human DNA detected
XJ3FLV				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
XJ68HH				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XLAT84				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
XLB2MV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
XLW2LD				
Item 3	Pos KM, Takayama	NT	NT	Human Origin, Pos Plexor HY
Item 4	Pos KM, HemaTrace	NT	NT	Human Origin, Pos Plexor HY, HemaTrace
XQ6XAZ				
Item 3	Pos PTMB, HemaTrace	NT	Neg Phadebas	
Item 4	Pos PTMB, HemaTrace	NT	Neg Phadebas	
XTBKM6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
XTQFVD				
Item 3	Pos KM, Hexagon OBTI	NT	NT	
Item 4	Pos KM, Hexagon OBTI	NT	NT	
XTT74G				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
XVWUMD				
Item 3	Pos KM, LMG, RSID-Blood	Neg AP, Micro, p30	Neg RSID-Saliva	
Item 4	Pos KM, LMG, RSID-Blood	Neg AP, Micro, p30	Neg RSID-Saliva	
XYWZ9B				
Item 3	Pos KM, HemDirect	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemDirect	Neg AP, Micro	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XZRVYK				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
Y3B3NE				
Item 3	Pos KM	Neg PSA	Neg Amylase	
Item 4	Pos KM	Neg PSA	Neg Amylase	
Y3ZVRD				
Item 3	Pos KM, Takayama	Neg AP	NT	Human Origin, Pos Plexor HY
Item 4	Pos KM, Takayama	Neg AP	NT	Human Origin, Pos Plexor HY
Y8P3WK				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
Y8QZ8F				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
Y9HDX9				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
YB3DYA				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	NT	NT	
YGEBMW				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
YJXDFM				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Duo
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Duo

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YJZ7BA				
Item 3	Pos LMG, TMB	Neg ALS, AP	NT	
Item 4	Pos LMG, TMB	Neg ALS, AP	NT	
YKGZCK				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
YL9ZCG				
Item 3	Pos Rapid Signal Occult Blood Cassette-Organics	Neg Micro	NT	
Item 4	Pos Rapid Signal Occult Blood Cassette-Organics	Neg Micro	NT	
YLKY46				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
YPBYNU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
YPJHZB				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
YPMT7F				
Item 3	Pos TMB, PHT	Neg ALS, AP	NT	Human, Pos HEM
Item 4	Pos TMB, PHT	Neg ALS, AP	NT	Human, Pos HEM
YQHH4H				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
YRU3B7				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YRVV7T				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Neg ALS	NT	
YT8FMM				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
YTB3H3				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
YUGYEQ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
YUXGP4				
Item 3	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
YUYFMJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
YW74DP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
YX3EBD				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	
YYBQQU				
Item 3	Pos KM, AbaCard-HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, AbaCard-HemaTrace	Neg ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YYT7AH				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Z37346				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
Z4JJCC				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
Z4L2L9				
Item 3	Pos Hemastix	NT	NT	
Item 4	Pos Hemastix	NT	NT	
Z6FEUZ				
Item 3	Pos KM and Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM and Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Z78GX3				
Item 3	Pos KM	Neg BCIP	NT	
Item 4	Pos KM	Neg BCIP	NT	
Z83UMF				
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas	
Z8KF9Y				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Amylase	
Item 4	Pos KM, HemaTrace	Neg AP, Micro	Neg Amylase	
Z9F67Z				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZAP8W6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ZB2ZVE				
Item 3	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
ZFH7UA				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Inc Phadebas, ALS	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas, ALS	
ZJVU67				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ZKQ2FB				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
ZL42TR				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
ZLJGNK				
Item 3	Pos KM, Luminol, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos KM	Neg ALS, AP	Neg Amylase Diffusion	
ZN74C2				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
ZPHV9P				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZPHZLD				
Item 3	Pos TMB, HemaTrace	NT	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	
ZUDZ8F				
Item 3	Pos KM, HemDirect	NT	NT	
Item 4	Pos KM, HemDirect	NT	NT	
ZUXF8X				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ZWMLRV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ZXWLTV				
Item 3	Pos KM	NT	NT	Human Origin, Pos PLEXOR HY
Item 4	Pos KM	NT	NT	Human Origin, Pos PLEXOR HY
ZYBLYJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ZYR6Y4				
Item 3	Pos KM, Seratec HemDirect	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, Seratec HemDirect	NT	NT	
ZZLXPF				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
ZZQ9RE				
Item 3	Pos TMB, LMG	Neg ALS, AP	NT	
Item 4	Pos TMB, LMG	Neg ALS, AP	NT	

**Table 1: Serology Screening
Response Summary**
Item 3
Participants: 593

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	582	0	0
Negative	1	282	102
Inconclusive	0	0	1
Not Tested (NT)	10	298	469
Not Reported	0	13	21

**Table 1: Serology Screening
Response Summary**
Item 4
Participants: 593

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	582	0	0
Negative	1	279	100
Inconclusive	0	0	0
Not Tested (NT)	10	301	471
Not Reported	0	13	22

Amplification Kit(s) & STR Results

TABLE 2

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

Item 1 - STR Results

22B76F	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
22RX4L	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
22VF7Q	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
24KLQN	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
26BWCA	Identifiler®					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
29B4ZT	PowerPlex® 16 HS					
				15,18	12,13	8,11
	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
2E6TQX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	

TABLE 2

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

Item 1 - STR Results

2GL87R	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
2MX7NC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
2PHZG7	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
2RP9UX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
2VL9JT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
2Y6N3D	Identifiler® DIRECT					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
34BERK	Identifiler® Plus, PowerPlex®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
37YD2T	PowerPlex® 16 HS					
				15,18	12,13	8,11
1				8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

38EBVE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
39QH83	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3CPNBR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
3CUB4L	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17
3DHUZD	PowerPlex® 16 HS, Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13		9.3,9.3	8,11
						15,17
3G3U4Z	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3GJRFC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3K4NXB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

3KYMUN	PowerPlex® ESI 16 Fast					
	14,17.3	19,20	11,15	15,18		
	10,13	12,13	19,22		11,11	12,14
	13,15	30,30	16,16	X,X		22,23
				9.3,9.3		15,17
3LCL2X	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
3LQMTK	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
3NHJJZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3TCHR4	PowerPlex®					
	14,17.3	19,20	11,15	15,18		
	10,13	12,13	19,22		11,11	12,14
	13,15	30,30	16,16	X,X		22,23
			19,21	9.3,9.3		15,17
3TW84W	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
3TX8ZQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
3VH2WQ	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

3VZH2D	Identifiler® Direct	19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
3YZQ89	GlobalFiler™	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
			19,21	9.3	8,11	15,17
3ZAAXC	Identifiler® Plus	19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
3ZW26W	PowerPlex® 21	19,20		15,18	12,13	8,11
1		10,13	19,22	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
43WZ9G	PowerPlex® Fusion 6C	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
44WZB3	Identifiler® Plus	19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
47D2XE	Identifiler® Plus	19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
494NN4	Identifiler® Plus	19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

49PZPX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
4BWRNJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
4DG2BP	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
4EV9YR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
4GWEDX	PowerPlex® 21					
		14,17.3	19,20		15,18	12,13
1		10,13		19,22	8,12	11,11
		13,15	30,30		X,X	10,10
		10,11	10,13		9.3,9.3	8,11
4GWYXY	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
4GZNB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
4JKHT6	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11

TABLE 2

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

Item 1 - STR Results

4KDDC8	PowerPlex® 16, 18D					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
4KE9YJ	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
4MKNCG	Identifiler® Plus					
		-	19,20	-	15,18	12,13
1		10,13	-	-	8,12	11,11
		13,15	30,30	-	X,X	10,10
		-	-	-	9.3,9.3	8,11
4NUHA3	PowerPlex® 21					
		14,17.3	19,20	-	15,18	12,13
1		10,13	-	19,22	8,12	11,11
		13,15	30,30	-	X,X	10,10
		10,11	10,13	-	9.3,9.3	8,11
4Q9ZFT	Identifiler®, GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
			19,21	9.3	8,11	15,17
4QKADD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
4RB3WH	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	9.3,9.3	8,11	15,17
4REK4U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

4TTWXR	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
4W7U6E	Identifiler® Plus, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
62DMV4	PowerPlex® Fusion, MiniFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
62H8H8	PowerPlex® 16					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14 ^
		30		X	10	22,23
		10,11	10 ^, 13 ^	9.3	8,11	15,17
69YN3U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
6A9MAW	PowerPlex® Fusion, 21, CS7, GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	19,21	9.3,9.3	8,11
6AD3NH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6C7QBK	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

6CYCQA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6FFCTP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
6GVDU7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
6GW9GJ	PowerPlex® 16 ESI					
	14,17.3	19,20	11,15	15,18		
1		10,13	12,13	19,22	11	12,14
		13,15	30	16	X	22,23
				9.3		15,17
6J4GUA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
6KVL69	PowerPlex® Fusion 5C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
6LTRP9	PowerPlex® ESX 17, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
6RDFBJ	Identifiler® Plus, PowerPlex® Fusion 6C, Direct					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

6VYPFX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6W6EDZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6X3XQF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
6XX8AJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6XY3WV	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X	10,10
				19,21	9.3,9.3	8,11
6YDEQU	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
6YE7MG	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13		9.3,9.3	8,11
749GHZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

74F3L8	COfiler® and Profiler Plus®			15,18	12,13	8,11
1		10,13		8,12		12,14
			30,30	X,X		22,23
						15,17
7863A4	Identifiler® Plus			15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
79DJX2	PowerPlex® Fusion			15,18	12,13	8,11
1		14,17.3	19,20	11,15		
		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
79ZNYN	Identifiler® Plus			15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7ARETL	PowerPlex® Fusion 6C			15,18	12,13	8,11
1		14,17.3	19,20	11,15		
		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
7ATNUD	Identifiler® , Identifiler Plus, GlobalFiler™			15,18	12,13	8,11
1		14,17.3	19,20	11,15		
		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
7EYJCT	Identifiler®			15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7G8PV9	Identifiler® Plus			15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

7G8ZZ6	GlobalFiler™ Express					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
7GQBNY	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
7HLWGP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
7JWU08	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
7P4G7N	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
7QF27K	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X,X	10	22,23
	10,11	10,13		9.3	8,11	15,17
7TJWPM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
7ZHCLM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	

TABLE 2

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

Item 1 - STR Results

7ZN4LW	PowerPlex® 16 HS			15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
876NXU	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
						15,17
88KQ3H	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
						15,17
89TZUE	Identifiler® Plus					
			19,20		15,18	12,13
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8AMLN7	PowerPlex® ESX 17, GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
						15,17
8CTDCD	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13		9.3,9.3	8,11
						15,17
8DQHBF	Identifiler® Plus					
			19,20		15,18	12,13
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
8E3LWC	Identifiler® Plus					
			19,20		15,18	12,13
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

8FVHJK	Identifiler® Plus, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
8JAPRY	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
8JCFZ3	PowerPlex® ESX 17, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
8K8ZPM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8LWLYP	Identifiler®					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
8LXGKG	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
8PC2JP	Identifiler® Plus, PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
8PDTEC	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

8PEJP2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8R3PUB	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
8TJHC9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8VPLRW	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8WJXHB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
8YKJ6U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
92TZXX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
93MNFU	Identifiler® Plus, PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17

TABLE 2

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

Item 1 - STR Results

94XQ2R	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
966T36	PowerPlex® ESI 17 FAST					
	14,17.3	19,20	11,15	15,18		
1	10,13	12,13	19,22		11,11	12,14
	13,15	30,30	16,16	X,X		22,23
			19,21	9.3,9.3		15,17
97GRYZ	Identifiler® Plus, Direct					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
98EXJZ	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
9998KA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
9BE4ZR	PowerPlex® 16					
				15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
9CLLYM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
9GFNYF	Identifiler® Plus, PowerPlex® 16					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

9GMVJH	PowerPlex® 16 HS			15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
9JLYYQ	Identifiler®, GlobalFiler™					
1		14,17.3	19,20	11,15	15,18	12,13
		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
9K4RXE	Identifiler® Plus					
1			19,20	15,18	12,13	8,11
		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
9L9KN8	Identifiler® Plus					
1			19,20	15,18	12,13	8,11
		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
9LF3Y6	GlobalFiler™					
1		14,17.3	19,20	11,15	15,18	12,13
		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		-	-	19,21	9.3,9.3	8,11
9NKQGG	PowerPlex® Fusion 6C					
1		14,17.3	19,20	11,15	15,18	12,13
		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
9PE4TU	PowerPlex® Fusion					
1		14,17.3	19,20	11,15	15,18	12,13
		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
9UA66M	Identifiler® Plus					
1			19,20	15,18	12,13	8,11
		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

9YKX22	PowerPlex® 16			15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
A3FW44	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
A8DHQZ	PowerPlex® ESX 17, GlobalFiler™			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			
AAGJZQ	PowerPlex® 21			15,18	12,13	8,11
1	14,17.3	19,20	19,22	8,12	11,11	12,14
	10,13			X,X	10,10	22,23
	13,15	30,30		9.3,9.3	8,11	15,17
	10,11	10,13				
AAZVUC	GlobalFiler™ Express			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			
AB9CJV	PowerPlex® Fusion			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13				
ADY7RW	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
AF4YJB	PowerPlex® Fusion 6C			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13	19,21			

TABLE 2

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

Item 1 - STR Results

AGF7UB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
AGWRET	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
						15,17
AGWYBU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
AJL4CD	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
AKEKEF	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17
ANVNUJ	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
						15,17
ANY7WN	PowerPlex® HS					
				15,18	12,13	8,11
1				8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
APDZRA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

APRRV8	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
AWVZUM	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
B2Y886	PowerPlex® 16 HS, Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	9.3,9.3	8,11	15,17
B3VAPY	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
			19,21	9.3	8,11	15,17
B47FHA	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
B7VG8B	Identifiler® Plus, PowerPlex® Direct (Fusion 6C)					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
B87NQQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
B8MUX4	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

B8NCUJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BCJD7U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BDBZRB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
BL9RXJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BNEHFE	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
BQY6XL	PowerPlex® 16 HS					
				15,18	12,13	8,11
1				8,12	11,11	12,14
		30,30		X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
BUGRM8	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
BWRUBR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

BZ8BHB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BZPP2Y	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
C43C7B	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
C7RN3V	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
C863LX	PowerPlex® 16					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
CCBG3E	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
CD9RZ3	Identifiler® Plus					
		-	19,20	-	15,18	12,13
1		10,13	-	-	8,12	11,11
		13,15	30,30	-	X,X	10,10
		-	-	-	9.3,9.3	8,11
CDCQ7R	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		30,30		X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

CEKWP8	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
CEMLRJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
CEMLU4	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CFG8MV	Identifiler® Plus, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
CH3NLM	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
CK9L4P	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CL7PYL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
CPKZYN	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
1	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

CRB23Q	PowerPlex® ESX 16 Fast					
	14,17.3	19,20	11,15	15,18		
1	10,13	12,13	19,22		11	12,14
	13,15	30	16	X		22,23
				9.3		15,17
CRRMN9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CUDN9M	Identifiler®, GlobalFiler					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
CUEJY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CV9A2E	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
CVB2TU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CWJJ2J	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CXT98V	Identifiler® Plus, Direct					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

CYMUZM	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
D2BJ4Z	GlobalFiler™, GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
D786ZA	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
D7MLWM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
DBJ7YL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
DCDYU6	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DD62CE	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		-	-	19,21	9.3	8,11
DDAART	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

DJAXZK	PowerPlex® 16 HS			15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
DK3UMT	PowerPlex® Fusion					
1	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
DKJP92	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
DKRMQR	Identifiler® Plus, MiniFiler™					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DLFDF4	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DPJJ43	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DQAB6U	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
DQNNJQ	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

DQQGFD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
DQXD4	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
DV4KJE	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
DWGN3T	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DXTHMY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DY6N9G	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
DY6ZYD	PowerPlex® 16					
				15,18	12,13	8,11
1				8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
DYAH2H	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

DZFPXZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
E3JELA	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
E4C9HT	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
E9BF8W	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
ECP4HT	Identifiler® Plus, Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
EEVLGP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
EFLDJZ	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
EGKEM7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

EGN48Q	PowerPlex® 16			15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
EHCREJ	Identifiler® Plus, PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
EML3CK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
EQB89X	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ETF3QF	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
ETXJWM	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
1	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
EUALWN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
EWVZ8W	GlobalFiler™ Express					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

F3DTVZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
F8UJGH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
F92XL4	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
F9MH82	PowerPlex® Fusion, HS, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	19,21	9.3,9.3	8,11
FAFEUB	PowerPlex® 16					
				15,18	12,13	8,11
1				8,12	11,11	12,14
			30,30	X,X	10,10	22,23
			10,11	10,13	9.3,9.3	8,11
FBNJAK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
FCHC2W	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
FFHLCY	Identifiler® Plus Manual					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

FFMVEW	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
FLNAVR	Identifiler® Plus					
	NT	19,20	NT	15,18	12,13	8,11
1		10,13	NT	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		NT	NT	9.3,9.3	8,11	15,17
FMP6J4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
FNG7HZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
FRAA3R	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
FTBZK9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
FW643E	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
FWWMCV	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	8,12	11	12,14
		13,15	30	X	10	22,23
			19,21	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

FYXWXX	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
FZCAQZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
G89ECP	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
GBKGXK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GCKEE9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
GCLK3A	PowerPlex® HS					
				15,18	12,13	8,11
1				8,12	11,11	12,14
		30,30		X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
GDVEDM	PowerPlex® FUSION 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
GH3UY6	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

GKTXRC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
GMZBDK	Identifiler®					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
GNE76Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
GNWLB9	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
GP7TAU	Identifiler®, PowerPlex® Fusion 5C, Fusion 5C-hv, 16					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
GPLHNL	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
GRWVG4	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GTNUV3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

GUH89Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GWLZ3X	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GWQUVY	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
GXJBWF	PowerPlex® 16, HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
GXVG8H	PowerPlex® 16					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
GYAEPM	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
H2BD7T	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
H4M6LN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

H6XT3F	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13		9.3	8,11	15,17
H7NHCF	PowerPlex® 16 Hot Start						
					15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
			30,30		X,X	10,10	22,23
		10,11	10,13		9.3,9.3	8,11	15,17
H8J32Z	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
H9J467	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
H9VXK7	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
H9W8LY	Identifiler®, MiniFiler™						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
HARQR7	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
HCVEAG	Identifiler®, GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17	

TABLE 2

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

Item 1 - STR Results

HE42UU	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17	
HJZDLR	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
HL63QL	PowerPlex® 16						
					15,18	12,13	8,11
	1	10,13			8,12	11	12,14
			30		X	10	22,23
		10,11	10,13		9.3	8,11	15,17
HLKWC9	PowerPlex® Fusion 6C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13	19,21	9.3	8,11	15,17
HNRPF3	Identifiler® Plus, MiniFiler™						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
HPL9PG	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
HQEVNJ	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
HT2M6B	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	

TABLE 2

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

Item 1 - STR Results

HT3M3P	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
HV8XRJ	PowerPlex® 21					
		14,17.3	19,20	15,18	12,13	8,11
1		10,13	19,22	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
HW4LKA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
HXYRR9	PowerPlex® HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
J2RDX2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
J39ZMQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
J6UN2B	PowerPlex® HS					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14
			30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
J77QZA	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

JA6UKN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JAK3LC	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JBXMEL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JEVBT9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JEZYJF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JFUPPU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JGM3AK	Identifiler® Plus, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
						15,17
JJVFN2	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17

TABLE 2

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

Item 1 - STR Results

JK6CA7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JKPGYC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JL2M8U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JLCU4V	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JN69NJ	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
JN89ZZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JN9X7H	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JPGKQV	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
	-	-	19,21	9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

JPJ3HL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JPZ2TX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JQDLMT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JRPXC3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JTD4D9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JTWULT	PowerPlex® 16					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
JUAEGN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JW2B4W	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

JWDAX7	PowerPlex® HS			15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
JWYL2L	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JWZEX8	PowerPlex® Fusion 6C			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13	19,21			
JY6BX3	PowerPlex® Fusion			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
	10,11	10,13				
JY8T4D	Identifiler®			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
K2P9CK	PowerPlex® FUSION 6C			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13	19,21			
K2Q88E	GlobalFiler™			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			
K4CUZ2	Identifiler® Plus			15,18	12,13	8,11
1	-	19,20	-	8,12	11,11	12,14
	10,13	-	-	X,X	10,10	22,23
	13,15	30,30	-	9.3,9.3	8,11	15,17
	-	-	-			

TABLE 2

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

Item 1 - STR Results

K6A8G3	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	1	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		
K6B26E	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17	
K6KBQK	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	1	10,13		8,12	11	12,14	
		13,15	30	X,X	10	22,23	
			9.3	8,11	15,17		
K8VJBJ	PowerPlex® 16 HS						
				15,18	12,13	8,11	
	1	10,13		8,12	11,11	12,14	
			30,30	X,X	10,10	22,23	
	10,11	10,13		9.3,9.3	8,11	15,17	
KAKK2L	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17	
KBE7UD	PowerPlex® 16 HS						
				15,18	12,13	8,11	
	1	10,13		8,12	11	12,14	
			30	X	10	22,23	
	10,11	10,13		9.3	8,11	15,17	
KEWTGC	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	1	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		
KF88XD	PowerPlex® 16 HS						
				15,18	12,13	8,11	
	1	10,13		8,12	11	12,14	
			30	X	10	22,23	
	10,11	10,13		9.3	8,11	15,17	

TABLE 2

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

Item 1 - STR Results

KGH6AA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
KGKW2P	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
KPFZ6M	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
KQBTCJ	PowerPlex® 16 HS					
				15,18	12,13	8,11
1				8,12	11,11	12,14
		30,30		X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
KTVAG6	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		-	-	19,21	9.3	8,11
KU7AEK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
KU89BE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
KU9YL3	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

KUP38H	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
KUQK3C	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
KXNGTL	PowerPlex® ESI 17					
		14,17.3	19,20	11,15	15,18	
1		10,13	12,13	19,22		11,11
		13,15	30,30	16,16	X,X	22,23
				19,21	9.3,9.3	15,17
KYFCGF	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
KYJRW2	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
KZVMHU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
L26W6Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
L2LDYR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

L3FXTJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
L3V67N	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
L638Q4	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
L6JTCL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
L6KT8F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
L89ZWJ	Identifiler® Plus					
		N/A	19,20	N/A	15,18	12,13
1		10,13	N/A	N/A	8,12	11,11
		13,15	30,30	N/A	X,X	10,10
		N/A	N/A	N/A	9.3,9.3	8,11
L8P2VE	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
LAUGWV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

LC4Y32	PowerPlex® 16, ESX 17					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X,X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
LCJ92U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
LD4PJH	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
LDDWH4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
LDWP9F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LDXKVT	Identifiler®, PowerPlex® Fusion 5C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
LFQB8Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LHBNZU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

LHTGGD	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LNE6HA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LNTXRH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LTVMLD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LVH9AU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LWCU3K	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LX7MUX	PowerPlex® Fusion, HS					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
LXNNK7	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

LYGK8E	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
LZ9PGD	Identifiler®					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
LZDV63	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
M3D278	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
M3EVRX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
M46TL6	PowerPlex® Fusion, ESX 17					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
M6JBRW	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
M6YEFW	Identifiler® , Identifiler Plus, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

M9YP8P	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
MFYBTC	PowerPlex® HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		30,30		X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
MGEW3E	PowerPlex® 21					
		14,17.3	19,20	15,18	12,13	8,11
1		10,13		19,22	8,12	11,11
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
MJFX6W	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MKU6QD	PowerPlex® 21					
		14,17.3	19,20	15,18	12,13	8,11
1		10,13		19,22	8,12	11,11
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
MKVMJP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MNACVL	Identifiler®, MiniFiler™					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
MNB24P	Identifiler®, PowerPlex® Fusion 5C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

MP78EU	PowerPlex® FUSION 5C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13		9.3	8,11	15,17
MQLEYQ	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17
MT9GYR	Identifiler® Plus, MiniFiler™						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
MUGTCM	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
				19,21	9.3	8,11	15,17
MUKBER	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17
MUZAGA	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
MUZJL8	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17
MVE2K8	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

MWRKK4	PowerPlex® 16			15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
MZ7HNK	Identifiler® Plus, Direct			15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
N6UGLC	PowerPlex® Fusion			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13				
N7ALEH	PowerPlex® ESI 17			15,18		
1	14,17.3	19,20	11,15		11,11	12,14
	10,13	12,13	19,22			22,23
	13,15	30,30	16,16	X,X		15,17
			19,21	9.3,9.3		
N9KCUE	Identifiler® Plus			15,18	12,13	8,11
1		19,20		8,12	11	12,14
	10,13			X	10	22,23
	13,15	30		9.3	8,11	15,17
N9YBVV	Identifiler® Plus			15,18	12,13	8,11
1	-	19,20	-	8,12	11,11	12,14
	10,13	-	-	X,X	10,10	22,23
	13,15	30,30	-	9.3,9.3	8,11	15,17
	-	-	-			
NARVA2	PowerPlex® 16 HS			15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
NAUWKF	PowerPlex® 16 HS			15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

NBLN6K	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13		9.3	8,11	15,17
NH6PN4	Identifiler®						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
NHNNNM							
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
NVJAR	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
NLYQKQ	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
NMHX39	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
NUEKLE	Identifiler® Plus						
		N/A	19,20	N/A	15,18	12,13	8,11
	1	10,13	N/A	N/A	8,12	11,11	12,14
		13,15	30,30	N/A	X,X	10,10	22,23
		N/A	N/A	N/A	9.3,9.3	8,11	15,17
NUY233	PowerPlex® Fusion 6C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13	19,21	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

NVQ33Y	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
NZ2H6V	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	9.3,9.3	8,11	15,17
P2Q4DD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
P37AVN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
P68DKP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
P74NHD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
P8WK6L	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
P8XXL9	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

P9T4XF	PowerPlex® 16			15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
P9TJEY	Identifiler® Plus, PowerPlex® Fusion 6C (Direct)					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
PA7K99	PowerPlex® 16 HS					
				15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
PA9C4U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PC9MVN	PowerPlex® Fusion Direct					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
PEFBLT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PEZJHW	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
PEZJM4	Identifiler®					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

PF79JK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PG9RU3	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
PJVDHJ	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
PKNWAP	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PMTMWR	Identifiler® Plus					
		-	19,20	-	15,18	12,13
1		10,13	-	8,12	11,11	12,14
		13,15	30,30	-	X,X	10,10
		-	-	-	9.3,9.3	8,11
PR8V64	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
PR9PQV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PUU3KE	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

PUWQMQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PWVC7F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PWZQGV	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PXBBKY	Identifiler® Plus, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
PXCTFU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PYPVFU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Q37F3A	Identifiler® Plus					
		19,20		15,18	12,13 ^	8,11 ^
1		10,13		8,12	11	12,14
		13,15 ^	30	X	10	22,23
				9.3	8,11	15,17
Q4FX7T	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
1		10,13	-	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

Q4VJBN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
Q76V9C	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
Q7JTPV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Q7MUH4	PowerPlex® 16					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
Q8VZ2J	PowerPlex® ESX 17, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
Q969L4	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
Q9AJR9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
Q9NHPJ	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

QBUDK3	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QC93LU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QCQRC2	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
QD24YP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QJAPN9	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
QKFAAM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QLERJY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QLFF6J	PowerPlex® ESX 17, GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
						15,17

TABLE 2

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

Item 1 - STR Results

QLVZAE	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
QU9QGY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
QU9YZJ	PowerPlex® 16					
				15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
QVFAWM	Identifiler®					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QVZF8Q	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
QVZGBX	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
QWCRUG	Identifiler®, PowerPlex® 16 HS					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
QXDDYA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

QZXXNR	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
R3EAVF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15,17	
R64GFC	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
R7UQ3Y	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X,X	10	22,23
	10,11	10,13		9.3	8,11	15,17
R88ELX	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
R944YK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
R9LPFW	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
RAUZBE	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

RCNL47	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
RDFL43	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
RGD2UY	PowerPlex® HS					
				15,18	12,13	8,11
	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
RL9WDX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
RLBFNF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
RX47Z7	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
RXLUKM	Identifiler®					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
T3TZDX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

T3VR9K	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
TBACV7	Identifiler®, GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
					8,11	15,17
TL6RDE	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
					9.3	8,11
					8,11	15,17
TLNDAC	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
					9.3	8,11
					8,11	15,17
TN9KAY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
TNYBNT	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
					8,11	15,17
TQLXCA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
TTPUGB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

TTRDMM	Identifiler®					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
TUHGGU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
U2WPFA	Identifiler® Plus, PowerPlex® 18D					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
U3PX66	GlobalFiler™ Express					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
U4YCJJ	GlobalFiler™ Express					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
U7MCRV	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
UBMZFA	PowerPlex® 16 HS					
				15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
UBPZP6	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

UCW6TY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
UDN2HT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UFR9Q7	Identifiler® Direct					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
UFZ78X	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
UHMRVE	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
UJFMEG	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
UJUAQ4	Identifiler® Plus, PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
ULKBXC	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

UMFQAA	PowerPlex® 16					
1	10,13			15,18	12,13	8,11
		30,30		8,12	11,11	12,14
	10,11	10,13		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UPNYG9	GlobalFiler™ Express					
1	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
URMK3J	Identifiler® Plus, PowerPlex® 16					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
URRV6H	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UUG2PE	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UXXXH	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UXY6BQ	PowerPlex® FUSION					
1	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
UY8KFB	Identifiler® Plus					
1		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

UZ27A3	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
UZGM92	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UZK3NN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
V2QGE7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
V3KM38	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
V3QUAA	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
V3Z28V	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
V6TLLF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

VA4BU9	PowerPlex® 16 HS			15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
VBHCLW	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
VCVA7L	GlobalFiler™			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			
VEJB3G	PowerPlex® Fusion 6C			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
	10,11	10,13	19,21			
VF9CTH	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
VFQVKP	PowerPlex® Fusion			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
	10,11	10,13				
VG3BC6	Identifiler® Direct			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
VGNYJR	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

VHFZJN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
VHX7HE	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
VHZVPW	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
VTJCFH	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
VWKQC2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
VXARXX	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
VZHXLJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
WA2NM3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

WD4YNP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
WGJ48Y	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
WHUNF9	PowerPlex® FUSION					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
WJ7HXU	PowerPlex® 16, HS					
				15,18	12,13	8,11
1		10,13		8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
WM62VM	Identifiler® Plus, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
WPT26V	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
WPU9H6	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
WRZQGZ	PowerPlex® FUSION					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

WTRQFW	PowerPlex® 16 HS, ESX 17						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11,11	12,14
		13,15	30,30	16,16	X,X	10,10	22,23
		10,11	10,13	19,21	9.3,9.3	8,11	15,17
WTU4UX	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
WUQMCL	Identifiler® Plus, MiniFiler™						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
WVZ83M	Identifiler® Direct						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
X3DCYZ	Identifiler® Plus, PowerPlex® HS						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
		10,11	10,13		9.3	8,11	15,17
X9MLCM	GlobalFiler™ Express						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11,11	12,14
		13,15	30,30	16,16	X,X	10,10	22,23
				19,21	9.3,9.3	8,11	15,17
X9Z3JA	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11	12,14
		13,15	30		X,X	10	22,23
					9.3	8,11	15,17
XDEQ8D	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	1	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

XEA6E	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
			9.3	8,11	15,17	
XFLKUG	Identifiler® Direct					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
			9.3	8,11	15,17	
XGZFRP	Identifiler®					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
			9.3	8,11	15,17	
XJ3FLV	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
			19,21	9.3	8,11	15,17
XJ68HH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
XLAT84	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11	12,14
		13,15	30	X	10	22,23
			9.3	8,11	15,17	
XLB2MV	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	1	10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
	10,11	10,13	19,21	9.3	8,11	15,17
XLW2LD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	1	10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
			9.3,9.3	8,11	15,17	

TABLE 2

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

Item 1 - STR Results

XQ6XAZ	PowerPlex® 16 HS			15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
XTBKM6	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
XTQFVD	PowerPlex® 16					
				15,18	12,13	8,11
1	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
XVWUMD	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
XYWZ9B	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
XZRYYK	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
Y3B3NE	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
Y3ZVRD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

Y44X8G	PowerPlex® 16			15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
Y8P3WK	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
Y8QZ8F	Identifiler® Plus			15,18	12,13	8,11
1	-	19,20	-	8,12	11,11	12,14
	10,13	-	-	X,X	10,10	22,23
	13,15	30,30	-	9.3,9.3	8,11	15,17
	-	-	-			
Y9HDX9	Identifiler® Direct			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
YB3DYA	GlobalFiler™			15,18	12,13	8,11
1	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			
YGEBMW	Identifiler® ID28			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
YJXDFM	Identifiler®			15,18	12,13	8,11
1	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
YJZ7BA	Identifiler® Plus			15,18	12,13	8,11
1	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

YKGZCK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
YL9ZCG	PowerPlex® 21					
		14,17.3	19,20	15,18	12,13	8,11
1		10,13	19,22	8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
YLKY46	PowerPlex® 16 HS					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
YPBYNU	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
YPJHQB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
YPMT7F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YRU3B7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YRVV7T	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		-	-	19,21	9.3	8,11
						15,17

TABLE 2

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

Item 1 - STR Results

YT8FMM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YTB3H3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YUGYEQ	PowerPlex® 16					
				15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
YUXGP4	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
						15,17
YUYFMJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
YW74DP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YX3EBD	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		10,11	10,13	19,21	9.3,9.3	8,11
						15,17
YYBQQU	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

YYT7AH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z37346	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z4JJCC	PowerPlex® 16, 18D					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
Z4L2L9	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
Z6FEUZ	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
Z78GX3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z83UMF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z8KF9Y	Identifiler®, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

Z9F67Z	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z9FZTC	Identifiler®, PowerPlex® Fusion half volume					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
ZAP8W6	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZB2ZVE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZFH7UA	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X,X	10
		10,11	10,13		9.3	8,11
ZGRMXR	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
ZJVU67	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
ZKQ2FB	GlobalFiler™ Express					
		14,17.3	19,20	11,15	15,18	12,13
1		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11

TABLE 2

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

Item 1 - STR Results

ZL42TR	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
ZLJGNK	GlobalFiler™ Express					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
ZN74C2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZPHV9P	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
ZPHZLD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
1	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
ZUDZ8F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
ZUXF8X	Identifiler®					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
ZWMLRV	Identifiler®					
		19,20		15,18	12,13	8,11
1	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 1 - STR Results

ZXWLV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZYBLJ	Identifiler® Direct					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
ZYR6Y4	Identifiler®					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZZQ9RE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
1		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 2 - STR Results

22B76F	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
22RX4L	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
22VF7Q	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
24KLQN	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
26BWCA	Identifiler®					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
29B4ZT	PowerPlex® 16 HS					
				16	11,12	9
	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
2E6TQX	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
2GL87R	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

2MX7NC	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
2PHZG7	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
2RP9UX	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
2VL9JT	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
2Y6N3D	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
34BERK	Identifiler® Plus, PowerPlex®					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
37YD2T	PowerPlex® 16 HS					
				16,16	11,12	9,9
2				11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
38EBVE	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

39QH83	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
3CPNBR	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
3CUB4L	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
3DHUZD	Identifiler®, GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
						16,17
3G3U4Z	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
3GJRFC	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
3K4NXB	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
3KYMUN	PowerPlex® ESI 16 Fast					
		16,17.3	19,23	10,13	16,16	
2		12,12	13,13	18,22		10,11
		13,14	29,30	11,11	X,Y	22,22
				6,7		16,17

TABLE 2

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

Item 2 - STR Results

3LCL2X	GlobalFiler™						
	16,17.3	19,23	10,13	16,16	11,12	9,9	
	2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22	
			15,19	6,7	8,8	16,17	
3LQMTK	GlobalFiler™						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
			15,19	6,7	8	16,17	
3NHJJZ	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
			6,7	8,8	16,17		
3TCHR4	PowerPlex®						
	16,17.3	19,23	10,13	16,16			
	2	12,12	13,13	18,22		10,11	14,14
	13,14	29,30	11,11	X,Y		22,22	
			15,19	6,7		16,17	
3TW84W	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
			6,7	8	16,17		
3TX8ZQ	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
			6,7	8	16,17		
3VH2WQ	GlobalFiler™						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
			15,19	6,7	8	16,17	
3VZH2D	Identifiler® Direct						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
			6,7	8	16,17		

TABLE 2

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

Item 2 - STR Results

3YZQ89	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
3ZAAXC	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
			6,7	8	16,17	
3ZW26W	PowerPlex® 21					
	16,17.3	19,23		16,16	11,12	9,9
	12,12		18,22	11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
43WZ9G	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
44WZB3	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
			6,7	8	16,17	
47D2XE	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
			6,7	8	16,17	
494NN4	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
			6,7	8	16,17	
49PZPX	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
			6,7	8,8	16,17	

TABLE 2

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

Item 2 - STR Results

4BWRNJ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
4DG2BP	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
4EV9YR	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
4GWEDX	PowerPlex® 21					
		16,17.3	19,23		16,16	11,12
2		12,12		18,22	11,12	10,11
		13,14	29,30		X,Y	12,13
		9,14	13,15		6,7	8,8
						16,17
4GWYXY	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
4GZNB	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
4JKHT6	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15		6,7	8
						16,17
4KDDC8	PowerPlex® 16, 18D					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

4KE9YJ	GlobalFiler™						
	16,17.3	19,23	10,13	16,16	11,12	9,9	
	2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22	
			15,19	6,7	8,8	16,17	
4MKNCG	Identifiler® Plus						
	-	19,23	-	16,16	11,12	9,9	
	2	12,12	-	-	11,12	10,11	14,14
	13,14	29,30	-	X,Y	12,13	22,22	
		-	-	6,7	8,8	16,17	
4NUHA3	PowerPlex® 21						
	16,17.3	19,23	-	16,16	11,12	9,9	
	2	12,12	-	18,22	11,12	10,11	14,14
	13,14	29,30	-	X,Y	12,13	22,22	
		9,14	13,15	-	6,7	8,8	16,17
4Q9ZFT	Identifiler®, GlobalFiler™ Express						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
			15,19	6,7	8	16,17	
4QKADD	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
4RB3WH	PowerPlex® Fusion						
	16,17.3	19,23	10,13	16,16	11,12	9,9	
	2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22	
		9,14	13,15	6,7	8,8	16,17	
4REK4U	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
4TTWXR	Identifiler®						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	

TABLE 2

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

Item 2 - STR Results

4W7U6E	Identifiler® Plus, GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	10,11
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
62DMV4	PowerPlex® Fusion, MiniFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
62H8H8	PowerPlex® 16					
				16	11,12	9
	2	12		11,12	10,11	14
			29,30	X,Y	12,13	22
	9,14	13^,15^		6,7	8	16,17
69YN3U	Identifiler® Plus					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
			6,7	8	16,17	
6A9MAW	PowerPlex® Fusion, 21, CS7, GlobalFiler™ Express					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	10,11
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15	15,19	6,7	8,8	16,17
6AD3NH	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
			6,7	8,8	16,17	
6C7QBK	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
6CYCQA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
			6,7	8,8	16,17	

TABLE 2

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

Item 2 - STR Results

6FFCTP	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
6GVDU7	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
6GW9GJ	PowerPlex® ESI 16					
		16,17.3	19,23	10,13	16	
2		12	13	18,22	10,11	14
		13,14	29,30	11	X,Y	22
				6,7		16,17
6J4GUA	Identifiler® Plus, MiniFiler™					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
6KVL69	PowerPlex® Fusion 5C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
6LTRP9	PowerPlex® ESX 17, GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
						16,17
6RDFBJ	Identifiler® Plus, PowerPlex® Fusion 6C, Direct					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
6VYPFX	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

6W6EDZ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
6X3XQF	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
6XX8AJ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
6XY3WV	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2		12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
					8,8	16,17
6YDEQU	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
6YE7MG	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2		12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
		9,14	13,15	6,7	8,8	16,17
749GHZ	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
74F3L8	COfiler® and Profiler Plus®					
				16,16	11,12	9,9
2				12,12	11,12	14,14
		29,30		X,Y		22,22
						16,17

TABLE 2

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

Item 2 - STR Results

7863A4	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
79DJX2	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
79ZNYN	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
7ARETL	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
7ATNUD	Identifiler® , Identifiler Plus, GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
7EYJCT	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
7G8PV9	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
7G8ZZ6	GlobalFiler™ Express					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17

TABLE 2

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

Item 2 - STR Results

7GQBNY	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
2	9,14	13,15		6,7	8	16,17
	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
7HLWGP	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
	Identifiler® Plus					
		19,23		16,16	11,12	9,9
7JWUU8	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
	Identifiler® Plus					
7P4G7N		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
7QF27K	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
2	9,14	13,15		6,7	8	16,17
	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
7TJWPM	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
	Identifiler® Plus					
		19,23		16	11,12	9
7ZHCLM	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
	PowerPlex® 16 HS					
7ZN4LW				16,16	11,12	9,9
	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

876NXU	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
88KQ3H	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
89TZUE	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
8AMLN7	PowerPlex® ESX 17, GlobalFiler™ Express					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
8CTDCD	PowerPlex® FUSION					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
8DQHBF	Identifiler® Plus					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
8E3LWC	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
8FVHJK	Identifiler® Plus, GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

8JAPRY	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
8JCFZ3	PowerPlex® ESX 17, GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
8K8ZPM	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
8LWLYP	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
8LXGKG	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
8PC2JP	Identifiler® Plus, PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
8PDTEC	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
8PEJP2	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

8R3PUB	Identifiler® Direct	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
8TJHC9	Identifiler® Plus	19,23		16,16	11,12	9,9	
2	12,12			11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
8VPLRW	Identifiler® Plus	19,23		16,16	11,12	9,9	
2	12,12			11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
8WJXHB	Identifiler® Plus	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
8YKJ6U	Identifiler® Plus	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
92TZXX	Identifiler® Plus	19,23		16,16	11,12	9,9	
2	12,12			11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
93MNFU	Identifiler® Plus, PowerPlex® Fusion 6C	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14	
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15	15,19	6,7	8	16,17	
94XQ2R	Identifiler® Plus, PowerPlex® Fusion 6C	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14	
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15	15,19	6,7	8	16,17	

TABLE 2

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

Item 2 - STR Results

966T36	PowerPlex® ESI 17 FAST					
	16,17.3	19,23	10,13	16,16		
2	12,12	13,13	18,22		10,11	14,14
	13,14	29,30	11,11	X,Y		22,22
			15,19	6,7		16,17
97GRYZ	Identifiler® Plus, Direct					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
98EXJZ	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
9998KA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
9BE4ZR	PowerPlex® 16					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
9CLLYM	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
9GFNYF	Identifiler® Plus, PowerPlex® 16					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
9GMVJH	PowerPlex® 16 HS					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

9JLYYQ	Identifiler®, GlobalFiler™						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
				15,19	6,7	8	16,17
9K4RXE	Identifiler® Plus						
			19,23		16,16	11,12	9,9
	2	12,12			11,12	10,11	14,14
		13,14	29,30		X,Y	12,13	22,22
					6,7	8,8	16,17
9L9KN8	PowerPlex® Fusion						
		16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	10,11	14,14
		13,14	29,30	11,11	X,Y	12,13	22,22
		9,14	13,15		6,7	8,8	16,17
9LF3Y6	GlobalFiler™						
		16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	10,11	14,14
		13,14	29,30	11,11	X,Y	12,13	22,22
		-	-	15,19	6,7	8,8	16,17
9NKQGG	PowerPlex® Fusion 6C						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
		9,14	13,15	15,19	6,7	8	16,17
9PE4TU	PowerPlex® Fusion						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
		9,14	13,15		6,7	8	16,17
9UA66M	Identifiler® Plus						
			19,23		16,16	11,12	9,9
	2	12,12			11,12	10,11	14,14
		13,14	29,30		X,Y	12,13	22,22
					6,7	8,8	16,17
9YKX22	PowerPlex® 16						
					16	11,12	9
	2	12			11,12	10,11	14
			29,30		X,Y	12,13	22
		9,14	13,15		6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

A3FW44	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
A8DHCZ	PowerPlex® ESX 17, GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
						16,17
AAGJZQ	PowerPlex® 21					
		16,17.3	19,23		16,16	11,12
2		12,12		18,22	11,12	10,11
		13,14	29,30		X,Y	12,13
		9,14	13,15		6,7	8,8
						16,17
AAZVUC	GlobalFiler™ Express					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
						16,17
AB9CJV	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15		6,7	8
						16,17
ADY7RW	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
AF4YJB	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
AGF7UB	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

AGWRET	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
AGWYBU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
AJL4CD	Identifiler®					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
AKEKEF	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
ANVNUJ	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
ANY7WN	PowerPlex® HS					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
APDZRA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
APRRV8	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

AVVZUM	PowerPlex® 16 HS					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
B2Y886	PowerPlex® Fusion, 16 HS					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
B3VAPY	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
B47FHA	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
B7VG8B	Identifiler® Plus, PowerPlex® Direct (Fusion 6C)					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
B87NQQ	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
B8MUX4	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
B8NCUJ	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

BCJD7U	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,[7]	8	16,17
BDBZRB	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
BL9RXJ	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
BNEHFE	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
BQY6XL	PowerPlex® 16 HS					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
BUGRM8	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
BWRUBR	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
BZ8BHB	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

BZPP2Y	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
C43C7B	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
C7RN3V	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
C863LX	PowerPlex® 16					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
CCBG3E	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
CD9RZ3	Identifiler® Plus					
	-	19,23	-	16,16	11,12	9,9
2	12,12	-	-	11,12	10,11	14,14
	13,14	29,30	-	X,Y	12,13	22,22
	-	-	-	6,7	8,8	16,17
CDCQ7R	PowerPlex® 16 HS					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
CEKWP8	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

CEMLRJ	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
CEMLU4	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
CFG8MV	Identifiler® Plus, GlobalFiler™					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17
CH3NLM	PowerPlex® 21					
		16,17.3	19,23		16,16	11,12
2		12,12			11,12	10,11
		13,14	29,30		X,Y	12,13
		9,14	13,15		6,7	8,8
						16,17
CK9L4P	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
CL7PYL	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
CPKZYN	PowerPlex® 21					
		16,17.3	19,23		16,16	11,12
2		12,12		18,22	11,12	10,11
		13,14	29,30		X,Y	12,13
		9,14	13,15		6,7	8,8
						16,17
CRB23Q	PowerPlex® ESX 16 Fast					
		16,17.3	19,23	10,13	16	
2		12	13	18,22		10,11
		13,14	29,30	11	X,Y	22
					6,7	16,17

TABLE 2

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

Item 2 - STR Results

CRRMN9	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
CUDN9M	Identifiler®, GlobalFiler					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17
CUEJYV	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
CV9A2E	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
CVB2TU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
CWJJ2J	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
CXT98V	Identifiler® Plus, Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
CYMUZM	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

D2BJ4Z	GlobalFiler™, GlobalFiler™ Express					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
D786ZA	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
D7MLWM	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
DBJ7YL	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
DCDYU6	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
DD62CE	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	-	-	15,19	6,7	8	16,17
DDAART	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
DJAXZK	PowerPlex® 16 HS					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

DK3UMT	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
DKJP92	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
DKRMQR	Identifiler® Plus, MiniFiler™					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
DLDF4	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
DPJJ43	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
DQAB6U	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
DQNNJQ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
DQQGFD	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

DQXDX4	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
DV4KJE	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
DWGN3T	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
DXTHMY	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
DY6N9G	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
DY6ZYD	PowerPlex® 16					
				16,16	11,12	9,9
2				11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
DYAH2H	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
DZFPXZ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

E3JELA	GlobalFiler™						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
				15,19	6,7	8	16,17
E4C9HT	PowerPlex® Fusion						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
		9,14	13,15		6,7	8	16,17
E9BF8W	Identifiler®						
			19,23		16	11,12	9
	2	12			11,12	10,11	14
		13,14	29,30		X,Y	12,13	22
					6,7	8	16,17
ECP4HT	Identifiler® Plus, Direct						
			19,23		16	11,12	9
	2	12			11,12	10,11	14
		13,14	29,30		X,Y	12,13	22
					6,7	8	16,17
EEVLGP	Identifiler® Plus						
			19,23		16,16	11,12	9,9
	2	12,12			11,12	10,11	14,14
		13,14	29,30		X,Y	12,13	22,22
					6,7	8,8	16,17
EFLDJZ	Identifiler® Direct						
			19,23		16	11,12	9
	2	12			11,12	10,11	14
		13,14	29,30		X,Y	12,13	22
					6,7	8	16,17
EGKEM7	Identifiler® Plus						
			19,23		16,16	11,12	9,9
	2	12,12			11,12	10,11	14,14
		13,14	29,30		X,Y	12,13	22,22
					6,7	8,8	16,17
EGN48Q	PowerPlex® 16						
					16	11,12	9
	2	12			11,12	10,11	14
			29,30		X,Y	12,13	22
		9,14	13,15		6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

EHCREJ	Identifiler® Plus, PowerPlex® Fusion						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15		6,7	8	16,17	
EML3CK	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
EQB89X	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
ETF3QF	PowerPlex® Fusion						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15		6,7	8	16,17	
ETXJWM	PowerPlex® 21						
	16,17.3	19,23		16,16	11,12	9,9	
	2	12,12	18,22	11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
	9,14	13,15		6,7	8,8	16,17	
EUALWN	Identifiler® Plus, PowerPlex® Fusion 6C						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15	15,19	6,7	8	16,17	
EWWZ8W	GlobalFiler™ Express						
	16,17.3	19,23	10,13	16	11,12	9	
	2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22	
			15,19	6,7	8	16,17	
F3DTVZ	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	

TABLE 2

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

Item 2 - STR Results

F8UJGH	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
F92XL4	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
F9MH82	PowerPlex® HS, Fusion, GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
		9,14	13,15	15,19	6,7	8,8
FAFEUB	PowerPlex® 16					
				16,16	11,12	9,9
2				12,12	11,12	10,11
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
FBNJAK	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
FCHC2W	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
FFHLCY	Identifiler® Plus Manual					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
FFMVEW	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

FLNAVR	Identifiler® Plus					
	NT	19,23	NT	16,16	11,12	9,9
2	12,12	NT	NT	11,12	10,11	14,14
	13,14	29,30	NT	X,Y	12,13	22,22
	NT	NT	NT	6,7	8,8	16,17
FMP6J4	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
FNG7HZ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
FRAA3R	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
FTBZK9	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
FW643E	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
FWWMCV	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
FYXWXX	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

FZCAQZ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
G89ECP	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
GBKGXK	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
GCKEE9	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
GCLK3A	PowerPlex® HS					
				16,16	11,12	9,9
2				11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
GDVEDM	PowerPlex® FUSION 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
GH3UY6	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
GKTXRC	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

GMZBDK	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
GENE76Y	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
GNWLB9	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
GP7TAU	Identifiler®, PowerPlex® Fusion 5C, Fusion 5C-hv, 16					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
GPLHNL	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
GRWVG4	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
GTNUV3	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
GUH89Y	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

GWLZ3X	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
		13,14	29,30	X,Y	12,13	22,22	
			6,7	8,8	16,17		
GWQUVY	Identifiler®						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
		13,14	29,30	X,Y	12,13	22	
			6,7	8	16,17		
GXJBWF	PowerPlex® 16, HS						
				16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
			29,30	X,Y	12,13	22,22	
	9,14	13,15	6,7	8,8	16,17		
GXVG8H	PowerPlex® 16						
				16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
			29,30	X,Y	12,13	22,22	
	9,14	13,15	6,7	8,8	16,17		
GYAEPM	GlobalFiler™						
		16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	10,11	14,14
		13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17	
H2BD7T	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
		13,14	29,30	X,Y	12,13	22	
			6,7	8	16,17		
H4M6LN	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
		13,14	29,30	X,Y	12,13	22	
			6,7	8	16,17		
H6XT3F	PowerPlex® Fusion						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17	

TABLE 2

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

Item 2 - STR Results

H7NHCF	PowerPlex® 16 Hot Start			16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
H8J32Z	Identifiler® Plus			16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
H9J467	Identifiler® Plus			16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
H9VXK7	Identifiler® Plus			16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
H9W8LY	PowerPlex® 16, MiniFiler™			16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
HARQR7	Identifiler® Plus			16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
HCVEAG	Identifiler®, GlobalFiler™			16	11,12	9
2	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
HE42UU	GlobalFiler™			16	11,12	9
2	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

HJZDLR	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
HL63QL	PowerPlex® 16					
				16	11,12	9
2		12		11,12	10,11	14
			29,30	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
HLKWC9	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
HNRPF3	Identifiler® Plus, MiniFiler™					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
HPL9PG	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
HQEVNJ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
HT2M6B	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
HT3M3P	Identifiler® Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

HV8XRJ	PowerPlex® 21					
	16,17.3	19,23		16,16	11,12	9,9
	12,12		18,22	11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
HW4LKA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
HXYRR9	PowerPlex® HS					
				16,16	11,12	9,9
	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
J2RDX2	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
J39ZMQ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
J6UN2B	PowerPlex® HS					
				16	11,12	9
	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
J77QZA	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
JA6UKN	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

JAK3LC	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
JBXMEL	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
JEVBT9	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
JEZYJF	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
JFUPPU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
JGM3AK	Identifiler® Plus, GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
JJVFN2	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
JK6CA7	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

JKPGYC	Identifiler® Plus					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
			6,7	8	16,17	
JL2M8U	Identifiler® Plus					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
			6,7	8	16,17	
JLCU4V	Identifiler® Plus					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
			6,7	8	16,17	
JN69NJ	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
			15,19	6,7	8,8	16,17
JN89ZZ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	
JN9X7H	Identifiler®					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	
JPGKQV	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	2	12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
	-	-	15,19	6,7	8,8	16,17
JPJ3HL	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	

TABLE 2

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

Item 2 - STR Results

JPZ2TX	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JQDLMT	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JRPXC3	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JTD4D9	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JTWULT	PowerPlex® 16					
				16	11,12	9
2				11,12	10,11	14
		29,30		X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
JUAEGN	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JW2B4W	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JWDAX7	PowerPlex® HS					
				16	11,12	9
2				11,12	10,11	14
		29,30		X,Y	12,13	22
		9,14	13,15	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

JWYL2L	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
JWZEX8	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
JY6BX3	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
		9,14	13,15		6,7	8,8
JY8T4D	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
K2P9CK	PowerPlex® FUSION 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
K2Q88E	GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
K4CUZ2	Identifiler® Plus					
		-	19,23	-	16,16	11,12
2		12,12	-	-	11,12	10,11
		13,14	29,30	-	X,Y	12,13
		-	-	-	6,7	8,8
K6A8G3	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

K6B26E	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
K6KBQK	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	12
				6,7	8	16,17
K8VJBJ	PowerPlex® 16 HS					
				16,16	11,12	9,9
	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
KAKK2L	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
KBE7UD	PowerPlex® 16 HS					
				16	11,12	9
	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
KEWTGC	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
KF88XD	PowerPlex® 16 HS					
				16	11,12	9
	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
KGH6AA	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

KGKW2P	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	
KPFZ6M	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	
KQBTCJ	PowerPlex® 16 HS					
				16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
	9,14	13,15	6,7	8,8	16,17	
KTVAG6	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	14
		13,14	29,30	11	X,Y	12,13
	-	-	15,19	6,7	8	16,17
KU7AEK	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	
KU89BE	Identifiler® Plus					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
			6,7	8	16,17	
KU9YL3	Identifiler®					
		19,23		16	11,12	9
	2	12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
			6,7	8	16,17	
KUP38H	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
			6,7	8,8	16,17	

TABLE 2

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

Item 2 - STR Results

KUQK3C	PowerPlex® 16 HS			16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
KXNGTL	PowerPlex® ESI 17			16,16		
2	16,17.3	19,23	10,13		10,11	14,14
	12,12	13,13	18,22			
	13,14	29,30	11,11	X,Y		22,22
			15,19	6,7		16,17
KYFCGF	Identifiler® Direct			16	11,12	9
2		19,23		11,12	10,11	14
	12			X,Y	12,13	22
	13,14	29,30		6,7	8	16,17
KYJRW2	PowerPlex® Fusion			16	11,12	9
2	16,17.3	19,23	10,13	11,12	10,11	14
	12	13	18,22	X,Y	12,13	22
	13,14	29,30	11	6,7	8	16,17
	9,14	13,15				
KZVMHU	Identifiler® Plus, MiniFiler™			16	11,12	9
2		19,23		11,12	10,11	14
	12			X,Y	12,13	22
	13,14	29,30		6,7	8	16,17
L26W6Y	Identifiler® Plus			16,16	11,12	9,9
2		19,23		11,12	10,11	14,14
	12,12			X,Y	12,13	22,22
	13,14	29,30		6,7	8,8	16,17
L2LDYR	Identifiler® Plus			16,16	11,12	9,9
2		19,23		11,12	10,11	14,14
	12,12			X,Y	12,13	22,22
	13,14	29,30		6,7	8,8	16,17
L3FXTJ	Identifiler® Plus			16,16	11,12	9,9
2		19,23		11,12	10,11	14,14
	12,12			X,Y	12,13	22,22
	13,14	29,30		6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

L3V67N	Identifiler® Plus	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
L638Q4	PowerPlex® Fusion 6C	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14	
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15	15,19	6,7	8	16,17	
L6JTCL	Identifiler® Plus	19,23		16,16	11,12	9,9	
2	12,12			11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
L6KT8F	Identifiler® Plus	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
L89ZWJ	Identifiler® Plus	N/A	19,23	N/A	16,16	11,12	9,9
2	12,12	N/A	N/A	11,12	10,11	14,14	
	13,14	29,30	N/A	X,Y	12,13	22,22	
	N/A	N/A	N/A	6,7	8,8	16,17	
L8P2VE	Identifiler® Direct	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
LAUGWV	Identifiler® Plus	19,23		16	11,12	9	
2	12			11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
LC4Y32	PowerPlex® 16, ESX 17	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14	
	13,14	29,30	11	X,Y	12,13	22	
	9,14	13,15	15,19	6,7	8	16,17	

TABLE 2

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

Item 2 - STR Results

LCJ92U	Identifiler® Plus	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
LD4PJH	PowerPlex® Fusion 6C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
LDDWH4	PowerPlex® Fusion 6C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
LDWP9F	Identifiler® Plus	19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
LDXKVT	Identifiler®, PowerPlex® Fusion 5C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
LFQB8Y	Identifiler® Plus	19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
LHBNZU	Identifiler® Plus	19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
LHTGGD	Identifiler®	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

LNE6HA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
LNTXRH	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
LTVMLD	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
LVH9AU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
LWCU3K	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
LX7MUX	PowerPlex® HS, Fusion					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
LXNNK7	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
LYGK8E	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

LZ9PGD	Identifiler®	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
LZDV63	PowerPlex® Fusion 6C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
M3D278	PowerPlex® Fusion 6C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
M3EVRX	Identifiler® Plus	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
M46TL6	PowerPlex® Fusion, ESX 17	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15	15,19	6,7	8,8	16,17
M6JBRW	Identifiler® Plus	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
M6YEFW	Identifiler® , Identifiler Plus, GlobalFiler™	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
M9YP8P	Identifiler® Plus	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

MFYBTC	PowerPlex® HS					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
MGEW3E	PowerPlex® 21					
	16,17.3	19,23		16,16	11,12	9,9
2	12,12		18,22	11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
MJFX6W	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
MKU6QD	PowerPlex® 21					
	16,17.3	19,23		16,16	11,12	9,9
2	12,12		18,22	11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
MKVMJP	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
MNACVL	Identifiler®, MiniFiler™					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
MNB24P	Identifiler®, PowerPlex® Fusion 5C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
MP78EU	PowerPlex® FUSION 5C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

MQLEYQ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
MT9GYR	Identifiler® Plus, MiniFiler™					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
MUGTCM	GlobalFiler™					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17
MUKBER	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
MUZAGA	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
MUZJL8	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
MVE2K8	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
MWRKK4	PowerPlex® 16					
				16,16	11,12	9,9
2				11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

MZ7HNK	Identifiler® Plus, Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
N6UGLC	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
N7ALEH	PowerPlex® ESI 17					
		16,17.3	19,23	10,13	16,16	
2		12,12	13,13	18,22	10,11	14,14
		13,14	29,30	11,11	X,Y	22,22
				15,19	6,7	16,17
N9KCUE	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
N9YBVV	Identifiler® Plus					
		-	19,23	-	16,16	11,12
2		12,12	-	-	11,12	10,11
		13,14	29,30	-	X,Y	12,13
		-	-	-	6,7	8,8
NARVA2	PowerPlex® 16 HS					
				16	11,12	9
2				11,12	10,11	14
			29,30	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
NAUWKF	PowerPlex® 16 HS					
				16,16	11,12	9,9
2				11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
NBLN6K	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

NH6PN4	Identifiler®					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
NHNNNM						
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
NJVJAR	Identifiler® Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
NLYQKQ	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
NMHX39	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
NUEKLE	Identifiler® Plus					
	N/A	19,23	N/A	16,16	11,12	9,9
2		12,12	N/A	11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
	N/A	N/A	N/A	6,7	8,8	16,17
NUY233	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2		12	13	18,22	11,12	14
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
NVQ33Y	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

NZ2H6V	PowerPlex® Fusion						
	16,17.3	19,23	10,13	16,16	11,12	9,9	
	2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22	
	9,14	13,15		6,7	8,8	16,17	
P2Q4DD	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
P37AVN	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
P68DKP	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
P74NHD	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
	13,14	29,30		X,Y	12,13	22,22	
				6,7	8,8	16,17	
P8WK6L	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
	13,14	29,30		X,Y	12,13	22	
				6,7	8	16,17	
P8XXL9	PowerPlex® 16 HS						
				16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
		29,30		X,Y	12,13	22,22	
	9,14	13,15		6,7	8,8	16,17	
P9T4XF	PowerPlex® 16						
				16	11,12	9	
	2	12		11,12	10,11	14	
		29,30		X,Y	12,13	22	
	9,14	13,15		6,7	8	16,17	

TABLE 2

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

Item 2 - STR Results

P9TJEY	Identifiler® Plus, PowerPlex® Fusion 6C (Direct)					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
PA7K99	PowerPlex® 16 HS					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
PA9C4U	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
PC9MVN	PowerPlex® Fusion Direct					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
PEFBLT	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
PEZJHW	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
PEZJM4	Identifiler®					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
PF79JK	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

PG9RU3	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
PJVDHJ	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
PKNWAP	Identifiler® Direct					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
PMTMWR	Identifiler® Plus					
	-	19,23	-	16,16	11,12	9,9
	12,12	-	-	11,12	10,11	14,14
	13,14	29,30	-	X,Y	12,13	22,22
	-	-	-	6,7	8,8	16,17
PR8V64	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
PR9PQV	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
PUU3KE	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
PUWQMQ	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

PWVC7F	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
PWZQGV	Identifiler® Plus, MiniFiler™					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
PXBBKY	Identifiler®, GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2		12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
			15,19	6,7	8,8	16,17
PXCTFU	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
PYPVFU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
Q37F3A	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
Q4FX7T	Identifiler® Plus					
	-	19,23	-	16,16	11,12	9,9
2		12,12	-	11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
		-	-	6,7	8,8	16,17
Q4VJBN	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

Q76V9C	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
Q7JTPV	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
Q7MUH4	PowerPlex® 16					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
Q8VZ2J	PowerPlex® ESX 17, GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
Q969L4	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
Q9AJR9	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
Q9NHPJ	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
QBUDK3	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

QC93LU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
QCQRC2	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
QD24YP	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
QJAPN9	PowerPlex® 16 HS					
				16,16	11,12	9,9
2				11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
QKFAAM	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
QLERJY	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
QLFF6J	PowerPlex® ESX 17, GlobalFiler™ Express					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
						16,17
QLVZAE	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

QU9QGY	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
QU9YZJ	PowerPlex® 16					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
QVFAWM	Identifiler®					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
QVZF8Q	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
QVZGBX	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
QWCRUG	Identifiler®, PowerPlex® 16 HS					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
QXDDYA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
QZXXNR	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

R3EAVF	Identifiler® Plus	19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
R64GFC	PowerPlex® Fusion 6C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
R7UQ3Y	PowerPlex® Fusion	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
R88ELX	PowerPlex® Fusion 6C	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
R944YK	Identifiler® Plus	19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
R9LPFW	Identifiler® Plus	19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
RAUZBE	PowerPlex® Fusion	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
RCNL47	PowerPlex® Fusion	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

RDFL43	Identifiler® Plus		19,23		16	11,12	9	
		2	12		11,12	10,11	14	
			13,14	29,30		X,Y	12,13	22
					6,7		8	16,17
RGD2UY	PowerPlex® HS				16	11,12	9	
		2	12		11,12	10,11	14	
				29,30		X,Y	12,13	22
			9,14	13,15		6,7	8	16,17
RL9WDX	Identifiler® Plus		19,23		16	11,12	9	
		2	12		11,12	10,11	14	
			13,14	29,30		X,Y	12,13	22
					6,7		8	16,17
RLBFNF	Identifiler® Plus		19,23		16	11,12	9	
		2	12		11,12	10,11	14	
			13,14	29,30		X,Y	12,13	22
					6,7		8	16,17
RX47Z7	PowerPlex® Fusion		16,17.3	19,23	10,13	16	11,12	9
		2	12	13	18,22	11,12	10,11	14
			13,14	29,30	11	X,Y	12,13	22
			9,14	13,15		6,7	8	16,17
RXLUKM	Identifiler®		19,23		16,16	11,12	9,9	
		2	12,12		11,12	10,11	14,14	
			13,14	29,30		X,Y	12,13	22,22
					6,7		8,8	16,17
T3TZDX	Identifiler® Plus		19,23		16,16	11,12	9,9	
		2	12,12		11,12	10,11	14,14	
			13,14	29,30		X,Y	12,13	22,22
					6,7		8,8	16,17
T3VR9K	Identifiler® Plus		19,23		16,16	11,12	9,9	
		2	12,12		11,12	10,11	14,14	
			13,14	29,30		X,Y	12,13	22,22
					6,7		8,8	16,17

TABLE 2

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

Item 2 - STR Results

TBACV7	Identifiler®, GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
TL6RDE	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
TLNDAC	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
TN9KAY	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
TNYBNT	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
TQLXCA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
TTPUGB	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
TTRDMM	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

TUHGGU	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
U2WPFA	Identifiler® Plus, PowerPlex® 18D					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
U3PX66	GlobalFiler™ Express					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17
U4YCJJ	GlobalFiler™ Express					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17
U7MCRV	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
UBMZFA	PowerPlex® 16 HS					
				16,16	11,12	9,9
2				12,12	11,12	10,11
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
UBPZP6	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
UCW6TY	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17

TABLE 2

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

Item 2 - STR Results

UDN2HT	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
UFR9Q7	Identifiler® Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
UFZ78X	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	15,19	6,7	8
						16,17
UHMRVE	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15		6,7	8
						16,17
UJFMEG	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
UJUAQ4	Identifiler® Plus, PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15		6,7	8
						16,17
ULKBXC	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15		6,7	8
						16,17
UMFQAA	PowerPlex® 16					
				16,16	11,12	9,9
2				11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

UPNYG9	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
URMK3J	Identifiler® Plus, PowerPlex® 16					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
URRV6H	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
UUG2PE	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
UXXXH	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
UXY6BQ	PowerPlex® FUSION					
	16,17.3	19,23	10,13	16,16	11,12	9,9
	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
UY8KFB	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
UZ27A3	Identifiler®					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

UZGM92	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
UZK3NN	Identifiler® Plus, MiniFiler™					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
V2QGE7	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
V3KM38	GlobalFiler™					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
						16,17
V3QUAA	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15		6,7	8
						16,17
V3Z28V	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
V6TLLF	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
VA4BU9	PowerPlex® 16 HS					
				16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

VBHCLW	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
VCVA7L	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
VEJB3G	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15	15,19	6,7	8,8	16,17
VF9CTH	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
VFQVKP	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
VG3BC6	Identifiler® Direct					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
VGNYJR	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
VHFZJN	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

VHX7HE	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
VHZVPW	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
VTJCFH	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
VWKQC2	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
VXARXX	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
VZHLJ	Identifiler® Plus, MiniFiler™					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
WA2NM3	Identifiler® Plus					
		19,23		16	11,12	9
	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
WD4YNP	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

WGJ48Y	PowerPlex® 16 HS			16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
WHUNF9	PowerPlex® FUSION					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
WJ7HXU	PowerPlex® 16, HS					
				16	11,12	9
2	12			11,12	10,11	14
		29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
WM62VM	Identifiler® Plus, GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
WPT26V	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
WPU9H6	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
WRZQGZ	PowerPlex® FUSION					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
WTRQFW	PowerPlex® 16 HS, ESX 17					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15	15,19	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

WTU4UX	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
WUQMCL	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
WVZ83M	Identifiler® Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
X3DCYZ	Identifiler® Plus, PowerPlex® HS					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
X9MLCM	GlobalFiler™ Express					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
X9Z3JA	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
XDEQ8D	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
XEAF6E	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

XFLKUG	Identifiler® Direct						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
		13,14	29,30	X,Y	12,13	22	
			6,7	8	16,17		
XGZFRP	Identifiler®						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
		13,14	29,30	X,Y	12,13	22	
			6,7	8	16,17		
XJ3FLV	GlobalFiler™						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17	
XJ68HH	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
		13,14	29,30	X,Y	12,13	22,22	
			6,7	8,8	16,17		
XLAT84	Identifiler® Plus						
		19,23		16	11,12	9	
	2	12		11,12	10,11	14	
		13,14	29,30	X,Y	12,13	22	
			6,7	8	16,17		
XLB2MV	PowerPlex® Fusion 6C						
		16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11	14
		13,14	29,30	11	X,Y	12,13	22
		9,14	13,15	15,19	6,7	8	16,17
XLW2LD	Identifiler® Plus						
		19,23		16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
		13,14	29,30	X,Y	12,13	22,22	
			6,7	8,8	16,17		
XQ6XAZ	PowerPlex® 16 HS						
				16,16	11,12	9,9	
	2	12,12		11,12	10,11	14,14	
			29,30	X,Y	12,13	22,22	
		9,14	13,15	6,7	8,8	16,17	

TABLE 2

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

Item 2 - STR Results

XTBKM6	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
XTQFVD	PowerPlex® 16					
				16	11,12	9
	2	12		11,12	10,11	14
		29,30		X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
XVWUMD	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
XYWZ9B	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
XZRZYK	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
Y3B3NE	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
	2	12	13	18,22	11,12	10,11
	13,14	29,30	11	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
Y3ZVRD	Identifiler® Plus					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
Y44X8G	Identifiler® Plus, PowerPlex® 16					
		19,23		16,16	11,12	9,9
	2	12,12		11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

Y8P3WK	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
Y8QZ8F	Identifiler® Plus					
	-	19,23	-	16,16	11,12	9,9
2		12,12	-	11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
		-	-	6,7	8,8	16,17
Y9HDX9	Identifiler® Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
YB3DYA	GlobalFiler™					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2		12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
			15,19	6,7	8,8	16,17
YGEBMW	Identifiler® ID28					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
YJXDFM	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
YJZ7BA	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
YKGZCK	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

YL9ZCG	PowerPlex® 21					
	16,17.3	19,23		16	11,12	9
2	12		18,22	11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
YLKY46	PowerPlex® 16 HS					
				16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
		29,30		X,Y	12,13	22,22
	9,14	13,15		6,7	8,8	16,17
YPBYNU	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
YPJHZB	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
YPMT7F	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
YRU3B7	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
YRVV7T	GlobalFiler™					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	-	-	15,19	6,7	8	16,17
YT8FMM	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

YTB3H3	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
YUGYEQ	PowerPlex® 16					
				16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
			29,30	X,Y	12,13	22,22
		9,14	13,15	6,7	8,8	16,17
YUXGP4	GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
YUYFMJ	Identifiler® Plus					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
YW74DP	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
YX3EBD	PowerPlex® Fusion 6C					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	14,14
		13,14	29,30	11,11	X,Y	12,13
		9,14	13,15	15,19	6,7	8,8
YYBQQU	Identifiler®					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
YYT7AH	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

Z37346	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
Z4JJCC	PowerPlex® 16, 18D					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
		9,14	13,15	6,7	8	16,17
Z4L2L9	PowerPlex® Fusion					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
		9,14	13,15	6,7	8	16,17
Z6FEUZ	GlobalFiler™					
		16,17.3	19,23	10,13	16,16	11,12
2		12,12	13,13	18,22	11,12	10,11
		13,14	29,30	11,11	X,Y	12,13
				15,19	6,7	8,8
Z78GX3	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
Z83UMF	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
Z8KF9Y	Identifiler®, GlobalFiler™					
		16,17.3	19,23	10,13	16	11,12
2		12	13	18,22	11,12	10,11
		13,14	29,30	11	X,Y	12,13
				15,19	6,7	8
Z9F67Z	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

Z9FZTC	Identifiler®, PowerPlex® Fusion 5C half volume					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
ZAP8W6	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
ZB2ZVE	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
ZFH7UA	PowerPlex® Fusion					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15		6,7	8	16,17
ZGRMXR	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
ZJVU67	Identifiler® Direct					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
ZKQ2FB	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
			15,19	6,7	8	16,17
ZL42TR	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17

TABLE 2

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

Item 2 - STR Results

ZLJGNK	GlobalFiler™ Express					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
			15,19	6,7	8,8	16,17
ZN74C2	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17
ZPHV9P	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16	11,12	9
2	12	13	18,22	11,12	10,11	14
	13,14	29,30	11	X,Y	12,13	22
	9,14	13,15	15,19	6,7	8	16,17
ZPHZLD	PowerPlex® Fusion 6C					
	16,17.3	19,23	10,13	16,16	11,12	9,9
2	12,12	13,13	18,22	11,12	10,11	14,14
	13,14	29,30	11,11	X,Y	12,13	22,22
	9,14	13,15	15,19	6,7	8,8	16,17
ZUDZ8F	Identifiler® Plus					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
ZUXF8X	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
ZWMLRV	Identifiler®					
		19,23		16	11,12	9
2	12			11,12	10,11	14
	13,14	29,30		X,Y	12,13	22
				6,7	8	16,17
ZXWLTV	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2	12,12			11,12	10,11	14,14
	13,14	29,30		X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 2 - STR Results

ZYBLYJ	Identifiler® Direct					
		19,23		16	11,12	9
2		12		11,12	10,11	14
		13,14	29,30	X,Y	12,13	22
				6,7	8	16,17
ZYR6Y4	Identifiler®					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17
ZZQ9RE	Identifiler® Plus					
		19,23		16,16	11,12	9,9
2		12,12		11,12	10,11	14,14
		13,14	29,30	X,Y	12,13	22,22
				6,7	8,8	16,17

TABLE 2

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

Item 3 - STR Results

22B76F	PowerPlex® Fusion						
	13,(16),17.3	19,22,[23]	10,(13),15	15,16	11,12,13	9,10	
	3	12,(13)	12,13,15	(18),22,25	11,12,13	(10),11,13	14,16
	13,(14)	(29),30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,(14)	7,(13),(15)		(6),7,(9.3)	8,(11)	(16),17	
22RX4L	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
22VF7Q	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
24KLQN	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
26BWCA	Identifiler®						
		19,22,23		15,16	11,12,13	9,10	
	3	12,[13]		11,12,13	10,11,13	14,16	
	13,[14]	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,[11]	16,17		
29B4ZT	PowerPlex® 16 HS						
				15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		29,30,30.2		X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
2E6TQX	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
2GL87R	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		

TABLE 2

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

Item 3 - STR Results

2MX7NC	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
2PHZG7	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
2RP9UX	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
2VL9JT	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
2Y6N3D	Identifiler® Plus	19,22,23		15,16	11,12,[13]	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,[30.2]	X,Y	[7],11,12,13	18,22	
				6,7,9.3	8,[11]	16,17	
34BERK	Identifiler® Plus, PowerPlex®	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
37YD2T	PowerPlex® 16 HS			15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
			29,30,30.2	X,Y	7,11,12,13	18,22	
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
38EBVE	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

39QH83	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,[13]		11,12,13	10,11,13	14,16
		13,[14]	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,[11]	[16],17
3CPNBR	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3CUB4L	PowerPlex® Fusion 6C					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
3G3U4Z	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3GJRFC	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3K4NXB	Identifiler® Plus					
		INC		INC	INC	INC
3		INC		INC	INC	INC
		INC	INC	INC	INC	INC
				INC	INC	INC
3KYMUN	PowerPlex® ESI 16 Fast					
		[13,16],17.3	19,[22],[23]	10,[13],[15]	15,16	
3		12,[13]	[12],13,[15]	[18],22,[25]		[10],11,[13]
		13,[14]	29,30,30.2	11,[15],17]	X,Y	18,22
				6,7,9.3		[16],17
3LCL2X	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

3LQMTK	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
3NHJJZ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3TCHR4	PowerPlex®					
	13,16,17.3	19,22,23	10,13,15	15,16		
	3	12,13	12,13,15	18,22,25	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y		18,22
			15,19,23.2,27.2	6,7,9.3		16,17
3TW84W	Identifiler® , Identifiler Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3TX8ZQ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3VH2WQ	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
3VZH2D	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
3YZQ89						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

3ZAAXC	Identifiler® Plus					
		INC		INC	INC	INC
3		INC		INC	INC	INC
		INC	INC	INC	INC	INC
				INC	INC	INC
3ZW26W	PowerPlex® 21					
	13,16,17.3	19,22,23		15,16	11,12,13	9,10
3	12,13		18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
43WZ9G	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
44WZB3	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,[13]			11,12,[13]	10,11,[13]	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,[9.3]	8,[11]	16,17
47D2XE	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
494NN4	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
49PZPX	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
4BWRNJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

4DG2BP	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
4EV9YR	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
4GWEDX	PowerPlex® 21						
	13,16,17.3	19,22,23		15,16	11,12,13	9,10	
	3	12,13	18,22,25	11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
4GWYXY	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
4GZNBZ	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
4JKHT6	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
4KDDC8	PowerPlex® 16						
				15,16	11,12,13 ^	9,10	
	3	12,13 ^		11,12,13	10,11,13	14 ^, 16 ^	
		29,30,30.2		X,Y	7,11,12,13 ^	18,22	
	2.2,9,14 ^	7,13 ^, 15 ^		6,7,9.3	8,11	16,17	
4KE9YJ	GlobalFiler™						
	(13),(16),17.3	19,22,(23)	10,(13),(15)	15,16	11,(12),13	9,10	
	3	12,(13)	12,13,(15)	(18),22,(25)	(11),12,13	(10),11,(13)	14,16
	13,(14)	29,30,(30.2)	11,(15),(17)	X,Y	7,11,12,13	18,22	
			15,19,23.2,27.2	(6),7,(9.3)	8,(11)	(16),17	

TABLE 2

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

Item 3 - STR Results

4MKNCG	Identifiler® Plus					
	-	19,(22),23	-	15,16	11,12,(13)	9,10
	12,(13)	-	-	11,12,(13)	10,11,(13)	14,16
	13,14	29,30,(30.2)	-	X,Y	(7),(11),12,13	18,22
	-	-	-	6,7,(9.3)	8,(11)	16,17
4NUHA3	PowerPlex® 21					
	13,16,17.3	19,22,23	-	15,16	11,12,13	9,10
	12,13	-	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	-	6,7,9.3	8,11	16,17
4QKADD	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
4REK4U	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
4TTWXR	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
62DMV4	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
62H8H8	PowerPlex® 16					
				15,16	11,12,13^	9,10
	12,13^			11,12,13^	10,11,13	14,16^
		29,30,30.2		X,Y	7,11^,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
69YN3U	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

6A9MAW	PowerPlex® Fusion, 21, CS7, GlobalFiler™ Express					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
6AD3NH	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
6C7QBK	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
6CYCQA	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
6FFCTP	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
6GVDU7	Identifiler® Plus					
		INC		INC	INC	INC
3	INC			INC	INC	INC
	INC	INC		INC	INC	INC
				INC	INC	INC
6GW9GJ	PowerPlex® ESI 16					
	13,16,17.3	19,22,23	10,13,15	15,16		
3	12,13	12,13,15	18,22,25		10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y		18,22
				6,7,9.3		16,17
6J4GUA	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

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6KVL69	PowerPlex® Fusion 5C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
6LTRP9	GlobalFiler™					
	13,16,17.3	19,22,[23]	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,13,[14]	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,8,[11]	16,17
6RDFBJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
6VYPFX	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
6W6EDZ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
6X3XQF	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
6XX8AJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
6XY3WV	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

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6YDEQU	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
749GHZ	Identifiler® , Identifiler Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
74F3L8	COfiler® and Profiler Plus®			15,16	11,12,13	9,10
3		12,13		11,12,13		14,16
			29,30,30.2	X,Y		18,22
						16,17
7863A4	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
79DJX2	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15		6,7,9.3	8,11
79ZNYN	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
7ARETL	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
7EYJCT	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

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7G8PV9	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
7G8ZZ6	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
7GQBNY	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
7HLWGP	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
7JWU8	Identifiler® Plus	19,[22],23		[15],16	11,12,[13]	9,[10]	
3		12,[13]		11,12,[13]	10,11,[13]	14,[16]	
		13,14	29,30,[30.2]	X,Y	[7],[11],12,13	[18],22	
				6,7,[9.3]	8,[11]	16,17	
7P4G7N	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
7QF27K	PowerPlex® fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
7TJWPM	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	

TABLE 2

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

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7ZHCLM	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
7ZN4LW	PowerPlex® 16 HS				15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
876NXU	Identifiler®		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
88KQ3H			13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,11	16,17
89TZUE	Identifiler® Plus		19,[22],23		(15),16,16	11,12,(13)	9,9,(10)	
		3	12,12,(13)		11,12,(13)	10,11,(13)	14,14,(16)	
			13,14	29,30,(30.2)		X,Y	(7),(11),12,13	(18),22,22
						6,7,(9.3)	8,8,(11)	16,17
8AMLN7	GlobalFiler™		13,16,17.3	19,22,[23]	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,13,(14)	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,11	16,17
8DQHBF	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
8E3LWC	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

8FVHJK	Identifiler® Plus, GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
8JAPRY	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
8JCFZ3	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,13,(14)	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,8,(11)	(16),17,17
8K8ZPM	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
8LXGKG	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
8PC2JP	Identifiler® Plus, PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
8PEJP2	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
8R3PUB	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

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8TJHC9	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
8VPLRW	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
8WJXHB	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
8YKJ6U	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
92TZXX	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
93MNFU	Identifiler® Plus	19,[22],[23]		15,16	11,12,[13]	9,10
3		12,[13]		[11],12,[13]	[10],11,[13]	14,16
		13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22
				[6],7,[9.3]	8,[11]	[16],17
94XQ2R	Identifiler® Plus	19,[22],[23]		15,16	11,[12],[13]	9,10
3		12,[13]		11,12,[13]	10,11,[13]	14,16
		13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22
				[6],7,[9.3]	8,[11]	[16],17
966T36	PowerPlex® ESI 17 FAST	13,16,17.3	19,22,23	10,13,15	15,16	
3		12,13	12,13,15	18,22,25		10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	18,22
				15,19,23.2,27.2	6,7,9.3	16,17

TABLE 2

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

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98EXJZ	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
9998KA	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17		
9BE4ZR	PowerPlex® 16						
				15,16	11,[12],[13]	9,10	
	3	12,[13]		[11],12,[13]	10,11,[13]	14,16	
			[29],30,[30.2]	X,Y	7,11,12,[13]	18,22	
	[2.2],9,[14]	7,[13],[15]		[6],7,[9.3]	8,[11]	[16],17	
9CLLYM	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17		
9GFNYF	PowerPlex® 16						
				15,16	11,[12],[13]	9,10	
	3	12,[13]		[11],12,[13]	10,11,13	14,16	
			29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,[13],[15]		[6],7,[9.3]	8,[11]	[16],17	
9GMVJH	PowerPlex® 16 HS						
				15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
			29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
9JLYYQ	Identifiler®, GlobalFiler™						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17	
9K4RXE	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17		

TABLE 2

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

Item 3 - STR Results

9LF3Y6	GlobalFiler™						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	-	-	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
9NKQGG	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
9PE4TU	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
9UA66M	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
9YKX22	PowerPlex® 16						
				15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		29,30,30.2		X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
A3FW44	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
A8DHQZ	GlobalFiler™						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,12,[13]	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,13,[14]	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
			15,19,23.2,27.2	6,7,9.3	8,8,[11]	[16],17,17	
AAGJZQ	PowerPlex® 21						
	13,16,17.3	19,22,23		15,16	11,12	9,10	
	3	12,13	18,22,25	11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15			8	16,17	

TABLE 2

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

Item 3 - STR Results

AAZVUC	GlobalFiler™						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
			15,19,23.2,27.2	6,7,9.3	8,11	16,17	
AB9CJV	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,[13]	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
ADY7RW	Identifiler® , Identifiler Plus						
		19,[21**],22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
AF4YJB	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
AGF7UB	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
AGWRET	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
AGWYBU	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
AJL4CD	Identifiler®						
		19,22,[23]		15,16	11,[12],[13]	9,10	
	3	[12],13		[11],12,[13]	10,11,13	14,16	
	13,[14]	[29],30,30.2		X,Y	7,11,12,13	18,22	
			[6],7,[9.3]	8,[11]	[16],17		

TABLE 2

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

Item 3 - STR Results

AKEKEF	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
ANVNUJ	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
ANY7WN	PowerPlex® HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
APDZRA	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
APRRV8	Identifiler® Plus					
		18,19,21,22,23		14,15,16	10,11,12,13	8,9,10
3	11,12,13			10,11,12,13	9,10,11,12,13	13,14,15,16
	12,13,14	28,29,29.2,30,30.2		X,Y	7,10,11,12,13	17,18,21,22
				6,7,9.3	7,8,11	15,16,17
AVVZUM	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
B3VAPY	Identifiler® Plus					
		19,[22],23		[15],16	11,12,[13]	9,[10]
3	12,[13]			11,12,[13]	10,11	14,[16]
	13,14	29,30,[30.2]		X,Y	[7],[11],12,13	[18],22
				6,7,[9.3]	8,[11]	16,17
B47FHA	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

B7VG8B	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
B87NQQ	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
B8MUX4	Identifiler® Plus						
		INC		INC	INC	INC	
	3	INC		INC	INC	INC	
		INC	INC	INC	INC	INC	
			INC	INC	INC		
B8NCUJ	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
BCJD7U	Identifiler® Plus						
		19,22,[23]		15,16	11,12,13	9,10	
	3	12,[13]		[11],12,13	[10],11,[13]	14,16	
		13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22	
			[6],7,[9.3]	8,[11]	[16],17		
BDBZRB	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
BL9RXJ	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
BNEHFE	PowerPlex® Fusion 6C						
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

BQY6XL	PowerPlex® 16 HS			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
BUGRM8	Identifiler® Plus			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
BWRUBR	Identifiler® Plus			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
BZ8BHB	Identifiler® Plus			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
BZPP2Y	Identifiler® Plus			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
C43C7B	Identifiler®			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
C7RN3V	Identifiler® Plus			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
C863LX	PowerPlex® 16			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

CCBG3E	GlobalFiler™						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
			15,19,23.2,27.2	6,7,9.3	8,11	16,17	
CD9RZ3	Identifiler® Plus						
	-	19,22,23	-	15,16	11,12,13	9,10	
	3	12,13	-	11,12,13	10,11,13	14,16	
	13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22	
	-	-	-	6,7,9.3	8,11	16,17	
CDCQ7R	PowerPlex® 16 HS						
				15,16	11,[12],13]	9,10	
	3	12,[13]		11,12,13	10,11,13	14,16	
			[29],30,30.2	X,Y	7,11,12,13	18,22	
	[2.2],9,[14]	7,13,[15]	6,7,[9.3]	8,[11]	[16],17		
CEKWP8	PowerPlex® Fusion 6C						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
CEMLRJ	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
CEMLU4	Identifiler® Plus						
		18,19,21,22,23		14,15,16	10,11,12,13	9,10	
	3	11,12,13		11,12,13	9,10,11,12,13	13,14,15,16	
	12,13,14	28,29,30,30.2		X,Y	7,11,12,13	18,21,22	
			6,7,9.3	8,11	16,17		
CFG8MV	Identifiler® Plus, GlobalFiler™						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
			15,19,23.2,27.2	6,7,9.3	8,11	16,17	
CH3NLM	PowerPlex® 21						
	13,16,17.3	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

CK9L4P	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
CL7PYL	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
CPKZYN	PowerPlex® 21		13,16,17.3	19,22,23		15,16	11,12,13	9,10
		3	12,13		18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
CRB23Q	PowerPlex® ESX 16 Fast		13,16,17.3	19,22,23	10,13,15	15,16		
		3	12,13	12,13,15	18,22,25		10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y		18,22
						6,7,9.3		16,17
CRRMN9	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
CUDN9M	Identifiler®, GlobalFiler		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,11	16,17
CUEJY	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
CV9A2E	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

CVB2TU	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
CWJJ2J	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
CYMUZM	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
D2BJ4Z	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
D786ZA	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
D7MLWM	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DBJ7YL	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DCDYU6	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

DD62CE	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,[12],[13]	9,10
	3	12,[13]	12,13,15	[18],22,[25]	11,12,13	10,11,13
	13,[14]	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	-	-	15,19,23.2,27.2	6,7,9.3	8,[11]	[16],17
DDAART	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
DJAXZK	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
DK3UMT	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
DKJP92	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
DKRMQR	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
DLDF4	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
DPJJ43	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

DQAB6U	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DQNNJQ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DQQGFD	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DQXD4	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DV4KJE	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
DWGN3T	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DXTHMY	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
DY6N9G	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

DY6ZYD	PowerPlex® 16			15,16	11,[12],[13]	9,10
3	12,[13]			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,[13],[15]		6,7,9.3	8,[11]	[16],17
DYAH2H	PowerPlex® 16 HS			15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
DZFPXZ	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
E3JELA	GlobalFiler™			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23	10,13,15	11,12,13	10,11,13	14,16
	12,13	12,13,15	18,22,25	X,Y	7,11,12,13	18,22
	13,[14]	29,30,30.2	11,15,17	6,7,9.3	8,[11]	16,17
			15,19,23.2,27.2			
E4C9HT	PowerPlex® Fusion			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23	10,13,15	11,12,13	10,11,13	14,16
	12,13	12,13,15	18,22,25	X,Y	7,11,12,13	18,22
	13,14	29,30,30.2	11,15,17	6,7,9.3	8,11	16,17
	2.2,9,14	7,13,15				
EEVLGP	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
EFLDJZ	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
EGKEM7	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

EGN48Q	PowerPlex® 16			15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
EHCREJ	Identifiler® Plus, PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
EML3CK	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
EQB89X	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ETF3QF	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
ETXJWM	PowerPlex® 21					
	13,16,17.3	19,22,23		15,16	11,12,13	9,10
3	12,13		18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
EUALWN	Identifiler® Plus					
		19,[22],[23]		15,16	11,[12],[13]	9,10
3	12,[13]			[11],12,[13]	[10],11,[13]	14,16
	13,[14]	29,30,[30.2]		X,Y	7,11,12,13	18,22
				[6],7,[9.3]	8,[11]	[16],17
EWVZ8W	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

F3DTVZ	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
F8UJGH	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FAFEUB	PowerPlex® 16			15,16	11,12,13	9,10
3		12,[13]		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,[11]	16,17
FBNJAK	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FCHC2W	COfiler® and Profiler Plus®			INC	INC	INC
3		INC		INC	INC	INC
			INC	INC	INC	INC
				INC	INC	INC
FFHLCY	Identifiler® Plus Manual	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FFMVEV	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FLNAVR	Identifiler® Plus	NT	19,22,23	NT	15,16	11,12,13
3		12,13	NT	NT	11,12,13	10,11,13
		13,14	29,30,30.2	NT	X,Y	7,11,12,13
		NT	NT	NT	6,7,9.3	8,11

TABLE 2

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

Item 3 - STR Results

FMP6J4	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
FNG7HZ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FTBZK9	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
FW643E	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FWWMCV	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
FYXWXX	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
FZCAQZ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
G89ECP	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

GBKGXK	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
GCKEE9	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
GCLK3A	PowerPlex® HS				15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
GDVEDM	PowerPlex® FUSION 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
GKTXRC	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
GMZBDK	Identifiler®			19,[22],[23]		15,16	11,12,13	9,10
		3	12,[13]		11,12,13	[10],11,[13]	14,16	
			13,[14]	29,30,30.2		X,Y	7,11,12,13	18,22
						[6],7,[9.3]	8,[11]	[16],17
GNE76Y	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
GNWLB9	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,[13]	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,[15],[17]	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,[11]	[16],17

TABLE 2

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

Item 3 - STR Results

GP7TAU	Identifiler®, PowerPlex® Fusion 5C, Fusion 5C-hv, 16					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
GPLHNL	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
GRWVG4	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
GTONUV3	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
GUH89Y	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
GWLZ3X	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
GWQUVY	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,[14]	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
GXJBWF	PowerPlex® 16, HS					
				[15],16	11,12,[13]	9,[10]
3	12,[13]			11,12,[13]	10,11,[13]	14,[16]
		29,30,[30.2]		X,Y	[7],[11],12,13	[18],22
	[2.2],9,14	[7],13,15		6,7,[9.3]	8,[11]	16,17

TABLE 2

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

Item 3 - STR Results

GXVG8H	PowerPlex® 16			15,16	11,(12),(13)	9,10
3		12,(13)		11,12,(13)	10,11,(13)	14,16
			29,30,(30.2)	X,Y	7,11,12,13	18,22
		2.2,9,(14)	7,(13),(15)	(6),7,(9.3)	8,(11)	(16),17
GYAEPM	Identifiler®					
			19,22,23	15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
H2BD7T	Identifiler® Plus, MiniFiler™					
			19,22,23	15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
H4M6LN	Identifiler® Plus					
			19,22,23	15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
H6XT3F	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
H7NHCF	PowerPlex® 16 Hot Start					
				15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
H8J32Z	Identifiler® Plus					
			19,22,23	15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
H9J467	Identifiler® Plus					
			19,22,23	15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

H9VXK7	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
HARQR7	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
HCVEAG	Identifiler®, GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,11	16,17
HE42UU	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,11	16,17
HJZDLR	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
HL63QL	PowerPlex® 16				15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
HLKWC9	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
HNRPF3	Identifiler® Plus, MiniFiler™		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

HPL9PG	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
HQEVNJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
HT2M6B	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
HT3M3P	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
HV8XRJ	PowerPlex® 21					
	13,16,17.3	19,22,23		15,16	11,12,13	9,10
	3	12,13	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	6,7,9.3	8,11	16,17	
HW4LKA	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
HXYRR9	PowerPlex® HS					
				15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	6,7,9.3	8,11	16,17	
J2RDX2	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,12,[13]		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,8,[11]	16,17	

TABLE 2

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

Item 3 - STR Results

J39ZMQ	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
J6UN2B	PowerPlex® HS			15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
J77QZA	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
JA6UKN	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JAK3LC	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JBXMEL	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JEVBT9	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JEZYJF	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

JFUPPU	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JGM3AK	Identifiler® Plus, GlobalFiler™	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
JJVFN2	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
JK6CA7	Identifiler® Plus	19,[19],[22],23		(15),(15),16,16	11,(11),12,(13)	9,9,(10),(10)
3		12,12,(12),(13)		11,12,(13*)	10,11,(11),(13)	14,14,(16),(16)
		13,(13),(13),14	29,30,(30),(30.2)	X,Y	(7),(11),12,13	(18),(18),22,22
				6,7,(7),(9.3)	8,8,(8),(11)	16,17,(17,*)
JKPGYC	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JL2M8U	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JLCU4V	Identifiler® Plus	INC		INC	INC	INC
3		INC		INC	INC	INC
		INC	INC	INC	INC	INC
				INC	INC	INC
JN69NJ	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

JN89ZZ	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
JN9X7H	Identifiler®						
		19,[22],[23]		15,16	11,[12],[13]	9,10	
	3	12,12,[13]		[11],12,[13]	[10],11,[13]	14,16	
		13,13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,8,[11]	[16],17,17		
JPGKQV	GlobalFiler™						
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	-	-	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
JPJ3HL	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
JPZ2TX	PowerPlex® 16						
				15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
			29,30,30.2	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15	6,7,9.3	8,11	16,17		
JQDLMT	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
JRPXC3	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
JTD4D9	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		

TABLE 2

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

Item 3 - STR Results

JTWULT	PowerPlex® 16					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,12,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
JUAEGN	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JW2B4W	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JWDAX7	PowerPlex® HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
JWYL2L	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
JWZEX8	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
K2P9CK	PowerPlex® FUSION 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
K2Q88E	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

K4CUZ2	Identifiler® Plus					
	-	19,22,23	-	15,16	11,12,13	9,10
	3	12,13	-	-	11,12,13	10,11,13
	13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22
	-	-	-	6,7,9.3	8,11	16,17
K6A8G3	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
K6B26E	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
K6KBQK	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
K8VJBJ	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
KAKK2L	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
KBE7UD	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
KEWTGC	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

KF88XD	PowerPlex® 16 HS			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				29,30,30.2		X,Y	7,11,12,13	18,22	
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
KGH6AA	Identifiler® Plus			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17	
KGGW2P	Identifiler® Plus			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17	
KPFZ6M	Identifiler® Plus			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17	
KQBTCJ	PowerPlex® 16 HS			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				29,30,30.2		X,Y	7,11,12,13	18,22	
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
KTVAG6	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16	
			13,[14]	29,30,30.2	11,15,17		X,Y	7,11,12,13	18,22
			-	-	15,19,23.2,27.2		6,7,9.3	8,11	16,17
KU7AEK	Identifiler® Plus			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17	
KU89BE	Identifiler® Plus			15,16	11,12,13	9,10			
		3	12,13		11,12,13	10,11,13	14,16		
				13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

KU9YL3	Identifiler®		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
KUP38H	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
KUQK3C	PowerPlex® 16 HS				15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
KXNGTL	PowerPlex® ESI 17		13,16,17.3	19,22,23	10,13,15	15,16		
		3	12,13	12,13,15	18,22,25		10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y		18,22
					15,19,23.2,27.2	6,7,9.3		16,17
KYFCGF	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
KYJRW2	PowerPlex® Fusion		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
KZVMHU	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
L26W6Y	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

L2LDYR	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
L3FXTJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
L3V67N	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
L638Q4	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
L6JTCL	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
L6KT8F	Identifiler® Plus					
		19,[22],[23]		[15],16	11,[12,13]	9,[10]
3		12,[13]		11,12,[13]	10,11,[13]	14,[16]
		13,[14]	29,30,[30.2]	X,Y	[7,11],12,13	[18],22
				[6],7,[9.3]	8,[11]	[16],17
L89ZWJ	Identifiler® Plus					
	N/A	19,22,23	N/A	15,16	11,12,13	9,10
3		12,13	N/A	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	N/A	X,Y	7,11,12,13
		N/A	N/A	6,7,9.3	8,11	16,17
L8P2VE	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

LAUGWV	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LC4Y32	PowerPlex® 16, ESX 17					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
LCJ92U	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LD4PJH	PowerPlex® Fusion 6C					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
LDDWH4	PowerPlex® Fusion 6C					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
LDWP9F	Identifiler® Plus					
		19,22,23		15,16	11,[12],[13]	9,10
3		12,[13]		[11],12,[13]	[10],11,[13]	14,16
		13,13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22
				6,7,9.3	8,[11]	[16],17
LDXKVT	Identifiler®, PowerPlex® Fusion 5C					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
LFQB8Y	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

LHBNZU	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LHTGGD	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LNE6HA	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LNTXRH	Identifiler® Plus					
		19,22,[23]		15,16	11,[12],[13]	9,10
3		12,[13]		[11],12,[13]	[10],11,[13]	14,16
		13,[14]	[29],30,[30.2]	X,Y	7,11,[12],[13]	18,22
				[6],7,[9.3]	8,[11]	[16],17
LTVMLD	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LVH9AU	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LWCU3K	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
LXNNK7	PowerPlex® Fusion 6C					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11

TABLE 2

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

Item 3 - STR Results

LYGK8E	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
LZ9PGD	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
LZDV63	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
M3D278	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
M3EVRX	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
M46TL6	PowerPlex® Fusion, ESX 17					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
M6JBRW	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
M9YP8P	Identifiler® Plus					
		INC		INC	INC	INC
	3	INC		INC	INC	INC
		INC	INC	INC	INC	INC
			INC	INC	INC	

TABLE 2

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

Item 3 - STR Results

MFYBTC	PowerPlex® HS			15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
MGEW3E	PowerPlex® 21			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23		15,16	11,12,13	9,10
	12,13		18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
MJFX6W	Identifiler® Plus			15,16	11,12,13	9,10
3		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MKU6QD	PowerPlex® 21			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23		15,16	11,12,13	9,10
	12,13		18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
MKVMJP	Identifiler® Plus			15,16	11,12,13	9,10
3		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MNACVL	Identifiler®, MiniFiler™			15,16	11,[12],[13]	9,10
3		19,22,23		15,16	11,[12],[13]	9,10
	12,[13]			11,12,13	10,11,13	14,16
	13,[14]	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,[11]	[16],17
MNB24P	Identifiler®, PowerPlex® Fusion 5C			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
MP78EU	PowerPlex® FUSION 5C			15,16	11,12,13	9,10
3	[13],[16],17.3	19,22,23	10,[13],15	15,16	11,12,13	9,10
	12,[13]	12,13,[15]	[18],22,[25]	11,12,[13]	10,11,13	14,16
	13,[14]	29,30,30.2	11,[15],[17]	X,Y	7,11,12,[13]	18,22
	2.2,9,[14]	7,13,[15]		6,7,9.3	8,[11]	[16],17

TABLE 2

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

Item 3 - STR Results

MQLEYQ	Identifiler® Plus					
		19,[22],[23]		15,16	11,12,13	9,10
3		12,[13]		[11],12,[13]	[10],11,[13]	14,16
		13,[14]	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,[11]	[16],17
MT9GYR	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MUGTCM	GlobalFiler™					
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
				15,19,23.2,27.2	6,7,9.3	8,11
MUKBER	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MUZAGA	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MUZJL8	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MVE2K8	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
MWRKK4	PowerPlex® 16					
				15,16	11,[12],[13]	9,10
3				11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,[13],[15]	6,7,9.3	8,[11]	[16],17

TABLE 2

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

Item 3 - STR Results

N6UGLC	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
N7ALEH	PowerPlex® ESI 17						
	13,16,17.3	19,22,23	10,13,15	15,16			
	3	12,13	12,13,15	18,22,25		10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y		18,22
			15,19,23.2,27.2	6,7,9.3		16,17	
N9KCUE	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17	
N9YBW	Identifiler® Plus						
	-	19,22,23	-	15,16	11,12,13	9,10	
	3	12,13	-	11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22
	-	-	-	6,7,9.3	8,11	16,17	
NARVA2	PowerPlex® 16 HS						
				15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
			29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
NAUWKF	PowerPlex® 16 HS						
				15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
			29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
NBLN6K	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
NH6PN4							
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

NJVJAR	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
NLYQKQ	Identifiler® Plus, MiniFiler™						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
NMHX39	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
NUEKLE	Identifiler® Plus						
		N/A	19,22,23	N/A	15,16	11,12,13	9,10
	3	12,13	N/A	N/A	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	N/A	X,Y	7,11,12,13	18,22
		N/A	N/A	N/A	6,7,9.3	8,11	16,17
NUY233	PowerPlex® Fusion 6C						
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
NVQ33Y	Identifiler®						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,[14]	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
P2Q4DD	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
P37AVN	Identifiler® Plus						
		INC		INC	INC	INC	
	3	INC		INC	INC	INC	
		INC	INC	INC	INC	INC	
				INC	INC	INC	

TABLE 2

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

Item 3 - STR Results

P68DKP	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
P74NHD	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
P8WK6L	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
P8XXL9	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
P9T4XF	PowerPlex® 16					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
P9TJEY	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
PA7K99	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
PA9C4U	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

PC9MVN	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
PEFBLT	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
PEZJM4	Identifiler®		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
PF79JK	Identifiler® Plus, MiniFiler™		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
PG9RU3	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
PJVDHJ	PowerPlex® Fusion		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
PKNWAP	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
PMTMWR	Identifiler® Plus		-	19,22,23	-	15,16	11,12,13	9,10
		3	12,13	-	-	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22
			-	-	-	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

PR8V64	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
PR9PQV	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
PUU3KE	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
PUWQMQ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
PWVC7F	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
PWZQGV	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
PXBBKY	Identifiler® Plus, GlobalFiler™					
	[13],[16],17.3	19,[22],[23]	10,[13],[15]	15,16	11,[12],[13]	9,10
	3	12,[13]	12,13,15	[18],[22],[25]	[11],12,[13]	[10],11,[13]
	13,[14]	[29],30,[30.2]	11,15,[17]	X,Y	7,11,12,[13]	18,22
			15,19,23.2,27.2	[6],7,[9.3]	8,[11]	[16],17
PXCTFU	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

PYPVFU	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
Q37F3A	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
Q4FX7T	Identifiler® Plus		19,22,23	-	15,16	11,12,13	9,10	
		3	12,13	-	11,12,13	10,11,13	14,16	
			13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22
			-	-	-	6,7,9.3	8,11	16,17
Q4VJBN	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			[11],13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
Q76V9C	Identifiler®		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
Q7JTPV	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
Q7MUH4	PowerPlex® 16				15,16	11,[12],[13]	9,10	
		3	12,[13]		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,[11]	[16],17
Q8VZ2J	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,12,[13]	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,13,[14]	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,8,[11]	[16],17,17

TABLE 2

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

Item 3 - STR Results

Q969L4	Identifiler®	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
Q9AJR9	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
Q9NHPJ	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
QBUDK3	Identifiler®	19,[22],23		[15],16	11,12,[13]	9,[10]	
3		12,[13]		11,12,[13]	10,11,[13]	14,[16]	
		13,[14]	29,30,[30.2]	X,Y	[7],[11],12,13	[18],22	
				6,7,[9.3]	8,[11]	16,17	
QC93LU	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
QCQRC2	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
QD24YP	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
3		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
QJAPN9	PowerPlex® 16 HS			15,16	11,12,13	9,10	
3				11,12,13	10,11,12	14,16	
			29,30,30.2	X,Y	7,11,12,13	18,22	
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

QKFAAM	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
QLERJY	Identifiler® Plus		19,[22],[23]		15,16	11,[12],13	9,10	
		3	12,[13]		[11],12,[13]	[10],11,13	14,16	
			13,[14]	[29],30,[30.2]		X,Y	7,11,12,13	18,[22]
						[6],7,[9.3]	8,[11]	[16],17
QLFF6J	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,13,(14)	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,8,(11)	(16),17,17
QLVZAE	PowerPlex® Fusion		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
QU9QGY	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
QU9YZJ	PowerPlex® 16				15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
QVFAWM	Identifiler®		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
QVZF8Q	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

QVZGBX	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
QWCRUG	Identifiler®	19,22,23		15,16	11,12,13	9,10	
		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
QXDDYA	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
QZXXNR	PowerPlex® Fusion	13,[16],17.3	19,[22],[23]	10,13,15	15,16	11,12,[13]	9,10
		12,[13]	12,13,15	[18],22,25	[11],12,[13]	10,11,13	14,16
		13,[14]	[29],30,[30.2]	11,15,[17]	X,Y	7,11,12,13	18,22
		2.2,9,[14]	7,[13],[15]		6,7,9.3	8,[11]	[16],17
R3EAVF	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
		12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
R64GFC	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
R7UQ3Y	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
R88ELX	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

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R944YK	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
R9LPFW	Identifiler® Plus					
		19,[22],[23]		15,16	11,[12],13	9,10
3		12,[13]		11,12,[13]	10,11,13	14,16
		13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22
				[6],7,[9.3]	8,[11]	[16],17
RCNL47	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
RDFL43	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
RGD2UY	PowerPlex® HS					
				15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17
RL9WDX	Identifiler® Plus					
		19,[20],22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
RLBFNF	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
RX47Z7	PowerPlex® 16 HS					
				15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
			29,30,30.2	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

RXLUKM	Identifiler®	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
T3TZDX	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
T3VR9K	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
TL6RDE	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
TLNDAC	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
TN9KAY	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
TNYBNT	GlobalFiler™	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
				15,19,23.2,27.2	6,7,9.3	8,11	16,17
TQLXCA	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

TTPUGB	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
TTRDMM	Identifiler®		19,22,23		15,16	11,12,13	9,10	
		3	12,[13]		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,[11]	16,17
TUHGGU	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
U2WPFA	Identifiler® Plus		19,[22],[23]		15,16	11,[12,13]	9,10	
		3	12,[13]		11,12,[13]	[10],11,[13]	14,16	
			13,[14]	[29],30,[30.2]		X,[Y]	[7],11,[12,13]	18,22
						[6],7,[9.3]	8,[11]	[16],17
U3PX66	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
					15,19,23.2,27.2	6,7,9.3	8,11	16,17
U4YCJJ	Identifiler® Plus		19,22,23		15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
			13,14	29,30,30.2		X,Y	7,11,12,13	18,22
						6,7,9.3	8,11	16,17
U7MCRV	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
		3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
			13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
UBMZFA	PowerPlex® 16 HS				15,16	11,12,13	9,10	
		3	12,13		11,12,13	10,11,13	14,16	
				29,30,30.2		X,Y	7,11,12,13	18,22
			2.2,9,14	7,13,15		6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

UBPZP6	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
UCW6TY	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
UDN2HT	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
UFR9Q7	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
UFZ78X	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
UHRMVE	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
UJFMEG	Identifiler® Plus, MiniFiler™	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
UJUAQ4	Identifiler® Plus, PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
		2.2,9,14	7,13,15		6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

ULKBXC	PowerPlex® Fusion						
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10	
	3	12,13	12,13,15	18,22,[24],25	11,12,13	10,11,[12],13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
UMFQAA	PowerPlex® 16						
				[15],16	11,[12],[13]	9,[10]	
	3	12,[13]		11,12,[13]	[10],11,[13]	14,[16]	
			29,30,[30.2]	X,Y	7,11,12,13	18,22	
	[2.2],9,14	7,[13],15		6,7,[9.3]	8,[11]	16,17	
UPNYG9	Identifiler®						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
URMK3J	Identifiler® Plus, PowerPlex® 16						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
URRV6H	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
UUG2PE	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
UXXXXH	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
UY8KFB	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		

TABLE 2

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

Item 3 - STR Results

UZ27A3	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
UZGM92	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
UZK3NN	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
V2QGE7	Identifiler® Plus	19,22,[23]		15,16	11,[12],[13]	9,10
3		12,[13]		[11],12,[13]	[10],11,[13]	14,16
		13,[14]	[29],30,[30.2]	X,Y	7,11,[12],[13]	18,[22]
				[6],7,[9.3]	8,[11]	[16],17
V3KM38	GlobalFiler™	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
				15,19,23.2,27.2	6,7,9.3	8,11
V3QUAA	PowerPlex® Fusion	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15		6,7,9.3	8,11
V3Z28V	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
V6TLFF	Identifiler® Plus	19,[22],23		[15],16	11,12,[13]	9,[10]
3		12,[13]		11,12,[13]	10,11,[13]	14,[16]
		13,14	29,30,[30.2]	X,Y	[7],[11],12,13	[18],22
				6,7,[9.3]	8,[11]	16,17

TABLE 2

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

Item 3 - STR Results

VA4BU9	PowerPlex® 16 HS			15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
VBHCLW	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
VCVA7L	GlobalFiler™			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23	10,13,15	11,12,13	10,11,13	14,16
	12,13	12,13,15	18,22,25	X,Y	7,11,12,13	18,22
	13,14	29,30,30.2	11,15,17	6,7,9.3	8,11	16,17
			15,19,23.2,27.2			
VEJB3G	PowerPlex® Fusion 6C			15,16	11,12,13	9,10
3	13,16,17.3	19,22,23	10,13,15	11,12,13	10,11,13	14,16
	12,13	12,13,15	18,22,25	X,Y	7,11,12,13	18,22
	13,14	29,30,30.2	11,15,17	6,7,9.3	8,11	16,17
	2.2,9,14	7,13,15	15,19,23.2,27.2			
VF9CTH	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
VG3BC6	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
VGNYJR	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
VHFZJN	Identifiler® Plus			15,16	11,12,13	9,10
3	12,13	19,22,23		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

VHX7HE	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
VHZVPW	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
VTJCFH	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
VWKQC2	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
VXARXX	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
VZHLJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
WA2NM3	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	
WD4YNP	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	3	12,13		11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

WGJ48Y	PowerPlex® 16 HS			15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
WHUNF9	PowerPlex® FUSION					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
WJ7HXU	PowerPlex® 16, HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
WPT26V	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
WPU9H6	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
WRZQGZ	PowerPlex® HS					
				15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
WTRQFW	PowerPlex® 16 HS, ESX 17					
	[13],[16],17.3	19,[22],[23]	10,[13],[15]	15,16	11,[12],[13]	9,10
3	12,[13]	[12],13,[15]	18,19,22,25	[11],12,[13]	[10],11,[13]	14,16
	13,[14]	[29],30,[30.2]	11,[15],[17]	X,Y	7,11,12,13	18,22
	[2.2],9,[14]	7,[13],[15]	15,19,23.2,27.2	[6],7,[9.3]	8,[11]	[16],17
WTU4UX	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

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WUQMCL	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
WVZ83M	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
X3DCYZ	Identifiler® Plus, PowerPlex® HS	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17	
X9MLCM	GlobalFiler™	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
				15,19,23.2,27.2	6,7,9.3	8,11	16,17
X9Z3JA	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
XDEQ8D	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
XEAF6E	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	
XFLKUG	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
				6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

XGZFRP	Identifiler®		19,22,23	15,16	11,12,13	9,10		
	3	12,13		11,12,13	10,11,13	14,16		
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22		
				6,7,9.3	8,11	16,17		
XJ3FLV	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
				15,19,23.2,27.2	6,7,9.3	8,11	16,17	
XJ68HH	Identifiler® Plus		19,22,23	15,16	11,12,13	9,10		
	3	12,13		11,12,13	10,11,13	14,16		
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22		
				6,7,9.3	8,11	16,17		
XLAT84	Identifiler® Plus		19,[22],[23]	15,16	11,[12],[13]	9,10		
	3	12,[13]		[11],12,[13]	[10],11,[13]	14,16		
		13,[14]	[29],30,[30.2]	X,Y	7,11,12,13	18,22		
				[6],7,[9.3]	8,[11]	[16],17		
XLB2MV	PowerPlex® Fusion 6C		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17	
XLW2LD	Identifiler® Plus		19,22,23	15,16	11,12,13	9,10		
	3	12,13		11,12,13	10,11,13	14,16		
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22		
				6,7,9.3	8,11	16,17		
XQ6XAZ	PowerPlex® 16 HS			15,16	11,12,13	9,10		
	3	12,13		11,12,13	10,11,13	14,16		
			29,30,30.2	X,Y	7,11,12,13	18,22		
		2.2,9,14	7,13,15	6,7,9.3	8,11	16,17		
XTBKM6	GlobalFiler™		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22	
				15,19,23.2,27.2	6,7,9.3	8,11	16,17	

TABLE 2

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

Item 3 - STR Results

XTQFVD	PowerPlex® 16			15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
XVWUMD	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
XYWZ9B	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
XZRVYK	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
Y3B3NE	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
Y3ZVRD	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
Y8P3WK	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
Y8QZ8F	Identifiler® Plus					
	-	19,22,23	-	15,16	11,12,13	9,10
3	12,13	-	-	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	-	X,Y	7,11,12,13	18,22
	-	-	-	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

Y9HDX9	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
YB3DYA	GlobalFiler™						
		13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17	
YGEBMW	Identifiler® ID28						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
YJXDFM	Identifiler®						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
YJZ7BA	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
YKGZCK	Identifiler® Plus						
		19,22,23		15,16	11,12,13	9,10	
	3	12,13		11,12,13	10,11,13	14,16	
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22	
			6,7,9.3	8,11	16,17		
YL9ZCG	PowerPlex® 21						
		13,16,17.3	19,22,23		15,16	11,12,13	9,10
	3	12,13		18,22,25	11,12,13	10,11,13	14,16
		13,14	29,30,30.2		X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17	
YLKY46	PowerPlex® 16 HS						
				15,16	11,[12],[13]	9,10	
	3	12,[13]		[11],12,[13]	10,11,13	14,16	
			29,30,[30.2]	X,Y	7,11,12,[13]	18,22	
	[2.2],9,[14]	7,[13],[15]		[6],7,[9.3]	8,[11]	[16],17	

TABLE 2

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

Item 3 - STR Results

YPBYNU	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
YPJHZB	Identifiler® Plus, MiniFiler™					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YPMT7F	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YRU3B7	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YRVV7T	GlobalFiler™					
	[13],16,17.3	19,[22],[23]	10,13,15	15,16	11,[12],[13]	9,10
	12,[13]	[12],13,[15]	[18],22,[25]	11,12,13	10,11,[13]	14,[16]
	13,[14]	29,30,[30.2]	11,[15],[17]	X,Y	7,11,12,13	18,22
	-	-	15,19,23.2,27.2	6,7,[9.3]	8,[11]	[16],17
YT8FMM	Identifiler® Plus					
		19,22,23		15,16	11,12,[13]	9,10
	12,12,[13]			11,12,13	10,11,[13]	14,16
	13,14	29,30,[30.2]		X,Y	[7],[11],12,13	[18],22,22
				6,7,[9.3]	8,8,[11]	16,17
YTB3H3	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YUGYEQ	PowerPlex® 16					
				15,16	11,[12],[13]	9,10
	12,[13]			11,12,13	10,11,13	14,16
		29,30,30.2		X,Y	7,11,12,13	18,22
	[2.2],9,[14]	7,[13],[15]		[6],7,[9.3]	8,[11]	[16],17

TABLE 2

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

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YUXGP4	Identifiler®, MiniFiler™, SGMPlus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	39,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YUYFMJ	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YW74DP	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
YX3EBD	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
YYBQQU	Identifiler®					
		19,[22],[23]		15,16	11,[12],[13]	9,10
3	12,[13]			[11],12,13	[10],11,[13]	14,16
	13,[14]	[29],30,[30.2]		X,Y	7,11,[12],[13]	18,22
				[6],7,9.3	8,[11]	[16],17
YYT7AH	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
Z37346	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

Z4JJCC	PowerPlex® 16			15,16	11,12 [^] ,13 [^]	9,10
3	12,13 [^]			11,12,13 [^]	10,11,13	14 [^] ,16 [^]
		29,30,30.2		X [^] ,Y	7 [^] ,11 [^] ,12 [^] ,13 [^]	18,22
	2.2,9,14	7,13 [^] ,15 [^]		6,7,9.3	8,11	16,17
Z4L2L9	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
Z6FEUZ	Identifiler®					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
Z78GX3	Identifiler® Plus, MiniFiler™					
		19,[22],[23]		15,16	11,[12],[13]	9,10
3	12,[13]			[11],12,[13]	[10],11,[13]	14,16
	13,[14]	[29],30,[30.2]		X,Y	7,11,12,13	18,22
				[6],7,[9.3]	8,[11]	[16],17
Z83UMF	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
Z8KF9Y	Identifiler®, GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17
Z9F67Z	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

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Z9FZTC	Identifiler®, PowerPlex® Fusion 5C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15		6,7,9.3	8,11	16,17
ZAP8W6	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZB2ZVE	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZFH7UA	PowerPlex® Fusion					
	13,16,17.3	19,22,23	10,[13],[15]	15,16	11,[12],[13]	9,10
3	12,[13]	[12],13,[15]	18,22,25	11,12,13	10,11,13	14,16
	13,[14]	29,30,30.2	11,[15],[17]	X,Y	7,11,12,13	18,22
	2.2,9,14	7,[13],[15]		6,7,9.3	8,[11]	[16],17
ZJVU67	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZKQ2FB	Identifiler® Plus					
		19,22,23		15,16	11,12,13	9,10
3	12,13			11,12,13	10,11,13	14,16
	13,14	29,30,30.2		X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZL42TR	PowerPlex® Fusion 6C					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
	2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11	16,17
ZLJGNK	GlobalFiler™					
	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13	9,10
3	12,13	12,13,15	18,22,25	11,12,13	10,11,13	14,16
	13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13	18,22
			15,19,23.2,27.2	6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

ZN74C2	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZPHV9P	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
ZPHZLD	PowerPlex® Fusion 6C	13,16,17.3	19,22,23	10,13,15	15,16	11,12,13
3		12,13	12,13,15	18,22,25	11,12,13	10,11,13
		13,14	29,30,30.2	11,15,17	X,Y	7,11,12,13
		2.2,9,14	7,13,15	15,19,23.2,27.2	6,7,9.3	8,11
ZUDZ8F	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZUXF8X	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZWMLRV	Identifiler®	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZXWLTV	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17
ZYBLYJ	Identifiler® Plus	19,22,23		15,16	11,12,13	9,10
3		12,13		11,12,13	10,11,13	14,16
		13,14	29,30,30.2	X,Y	7,11,12,13	18,22
				6,7,9.3	8,11	16,17

TABLE 2

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

Item 3 - STR Results

ZYR6Y4	Identifiler®	19,22,23	15,16	11,[12],[13]	9,[10]
3	12,12,[13]	11,12,[13]	10,11,[13]	14,[16]	
	13,[14]	29,30,[30.2]	X,Y	7,11,12,13	18,22
			6,7,[9.3]	8,8,[11]	[16],17
ZZQ9RE	Identifiler® Plus	19,22,23	15,16	11,12,13	9,10
3	12,13	11,12,13	10,11,13	14,16	
	13,14	29,30,30.2	X,Y	7,11,12,13	18,22
			6,7,9.3	8,11	16,17

TABLE 2

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

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22B76F	PowerPlex® Fusion						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
	10,11	10,13		9.3	8,11	15,17	
22RX4L	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
	13,15	30,30		X,X	10,10	22,23	
				9.3,9.3	8,11	15,17	
22VF7Q	PowerPlex® Fusion 6C						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
	10,11	10,13	19,21	9.3	8,11	15,17	
24KLQN	PowerPlex® Fusion 6C						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
	10,11	10,13	19,21	9.3	8,11	15,17	
26BWCA	Identifiler®						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	
29B4ZT	PowerPlex® 16 HS						
				15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		30		X	10	22,23	
	10,11	10,13		9.3	8,11	15,17	
2E6TQX	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	
2GL87R	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

2MX7NC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
2PHZG7	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
					8,11	15,17
2RP9UX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
2VL9JT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
2Y6N3D	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
34BERK	Identifiler® Plus, PowerPlex®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
37YD2T	PowerPlex® 16 HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
38EBVE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

39QH83	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3CPNBR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
3CUB4L	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
3G3U4Z	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3GJRFC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3K4NXB	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
3KYMUN	PowerPlex® ESI 16 Fast					
		14,17.3	19,20	11,15	15,18	
4		10,13	12,13	19,22		11,11
		13,15	30,30	16,16	X,X	22,23
				9.3,9.3		15,17
3LCL2X	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

3LQMTK	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
3NHJJZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
3TCHR4	PowerPlex®					
	14,17.3	19,20	11,15	15,18		
4	10,13	12,13	19,22		11,11	12,14
	13,15	30,30	16,16	X,X		22,23
			19,21	9.3,9.3		15,17
3TW84W	Identifiler® , Identifiler Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
3TX8ZQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
3VH2WQ	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
3VZH2D	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
3YZQ89						
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17

TABLE 2

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

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3ZAAXC	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
3ZW26W	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
4	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
43WZ9G	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
44WZB3	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
47D2XE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
494NN4	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
49PZPX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
4BWRNJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

4DG2BP	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
4EV9YR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
4GWEDX	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
4	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
4GWYXY	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
4GZNBZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
4JKHT6	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
4KDDC8	PowerPlex® 16					
				15^,18^	12,13	8,11
4	10^,13			8,12	11	12^,14^
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
4KE9YJ	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

4MKNCG	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
4	10,13	-	-	8,12	11,11	12,14
	13,15	30,30	-	X,X	10,10	22,23
	-	-	-	9.3,9.3	8,11	15,17
4NUHA3	PowerPlex® 21					
	14,17.3	19,20	-	15,18	12,13	8,11
4	10,13	-	19,22	8,12	11,11	12,14
	13,15	30,30	-	X,X	10,10	22,23
	10,11	10,13	-	9.3,9.3	8,11	15,17
4QKADD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
4REK4U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
4TTWXR	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
62DMV4	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
62H8H8	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
69YN3U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

6A9MAW	PowerPlex® Fusion, 21, CS7, GlobalFiler™ Express					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
6AD3NH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6C7QBK	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
6CYCQA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
6FFCTP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
6GVDU7	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
6GW9GJ	PowerPlex® ESI 16					
	14,17.3	19,20	11,15	15,18		
4	10,13	12,13	19,22		11	12,14
	13,15	30	16	X		22,23
				9.3		15,17
6J4GUA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

6KVL69	PowerPlex® Fusion 5C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13		9.3	8,11	15,17
6LTRP9	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11,11	12,14
		13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17	
6RDFBJ	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
6VYPFX	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
6W6EDZ	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
6X3XQF	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
6XX8AJ	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
6XY3WV	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

6YDEQU	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
749GHZ	Identifiler® , Identifiler Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
74F3L8						
				15,18	12,13	8,11
4		10,13		8,12		12,14
			30,30	X,X		22,23
						15,17
7863A4	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
79DJX2	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
						15,17
79ZNYN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7ARETL	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17
7EYJCT	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

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7G8PV9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
7G8ZZ6	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7GQBNY	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
7HLWGP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7JWUU8	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
7P4G7N	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7QF27K	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X,X	10
		10,11	10,13	9.3	8,11	15,17
7TJWPM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

7ZHCLM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
7ZN4LW	PowerPlex® 16 HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
876NXU	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
88KQ3H	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
						15,17
89TZUE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8AMLN7	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
						15,17
8DQHBF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
8E3LWC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

8FVHJK	Identifiler® Plus, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
8JAPRY	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
8JCFZ3	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
8K8ZPM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8LXGKG	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
8PC2JP	Identifiler® Plus, PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
8PEJP2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8R3PUB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

8TJHC9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8VPLRW	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
8WJXHB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
8YKJ6U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
92TZXX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
93MNFU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
94XQ2R	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
966T36	PowerPlex® ESI 17 FAST					
		14,17.3	19,20	11,15	15,18	
4		10,13	12,13	19,22		11,11
		13,15	30,30	16,16	X,X	22,23
				19,21	9.3,9.3	15,17

TABLE 2

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

Item 4 - STR Results

98EXJZ	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
9998KA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
9BE4ZR	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
9CLLYM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
9GFNYF	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
9GMVJH	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
9JLYYQ	Identifiler®, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
9K4RXE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

9LF3Y6	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11,11	12,14
		13,15	30,30	16,16	X,X	10,10	22,23
		-	19,21	9.3,9.3	8,11	15,17	
9NKQGG	PowerPlex® Fusion 6C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13	19,21	9.3	8,11	15,17
9PE4TU	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13	19,21	9.3	8,11	15,17
9UA66M	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
9YKX22	PowerPlex® 16						
					15,18	12,13	8,11
	4	10,13			8,12	11	12,14
			30		X	10	22,23
		10,11	10,13	19,21	9.3	8,11	15,17
A3FW44	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
A8DHQZ	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11,11	12,14
		13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17	
AAGJZQ	PowerPlex® 21						
		14,17.3	19,20		15,18	12,13	8,11
	4	10,13		19,22	8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
		10,11	10,13	19,21	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

AAZVUC	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
AB9CJV	PowerPlex® Fusion					
	[14],17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
ADY7RW	Identifiler® , Identifiler Plus					
		19,20		15,18	12,13	8^,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
			9.3	8,11	15^,17	
AF4YJB	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
AGF7UB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
AGWRET	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
AGWYBU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	
AJL4CD	Identifiler®					
		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
			9.3,9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

AKEKEF	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
ANVNUJ	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
ANY7WN	PowerPlex® HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
APDZRA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
APRRV8	Identifiler® Plus					
		18,19,20		14,15,17,18	11,12,13	8,11
4	9,10,12,13			8,11,12	10,11	11,12,13,14
	13,14,15	29,30		X	9,10	21,22,23
				9.3	8,11	14,15,16,17
AVVZUM	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
B3VAPY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
B47FHA	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

B7VG8B	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
B87NQQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
B8MUX4	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
B8NCUJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BCJD7U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BDBZRB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
BL9RXJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BNEHFE	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

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BQY6XL	PowerPlex® 16 HS			15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
BUGRM8	Identifiler® Plus			15,18	12,13	8,11
4			19,20	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
BWRUBR	Identifiler® Plus			15,18	12,13	8,11
4			19,20	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
BZ8BHB	Identifiler® Plus			15,18	12,13	8,11
4			19,20	8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
BZPP2Y	Identifiler® Plus			15,18	12,13	8,11
4			19,20	8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
C43C7B	Identifiler®			15,18	12,13	8,11
4			19,20	8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
C7RN3V	Identifiler® Plus			15,18	12,13	8,11
4			19,20	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
C863LX	PowerPlex® 16			15,18	12,13	8,11
4				8,12	11	12,14
			30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

CCBG3E	GlobalFiler™						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23	
			19,21	9.3,9.3	8,11	15,17	
CD9RZ3	Identifiler® Plus						
	-	19,20	-	15,18	12,13	8,11	
	4	10,13	-	8,12	11,11	12,14	
	13,15	30,30	-	X,X	10,10	22,23	
		-	-	9.3,9.3	8,11	15,17	
CDCQ7R	PowerPlex® 16 HS						
				15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		30,30		X,X	10,10	22,23	
		10,11	10,13	9.3,9.3	8,11	15,17	
CEKWP8	PowerPlex® Fusion 6C						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
		10,11	10,13	19,21	9.3	8,11	15,17
CEMLRJ	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	
CEMLU4	Identifiler® Plus						
		19,20		15,17,18	12,13	8,11	
	4	10,13		8,12	10,11	12,14	
	13,14,15	29,30		X,X	10,10	22,23	
				9.3,9.3	8,11	15,17	
CFG8MV	Identifiler® Plus, GlobalFiler™						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
			19,21	9.3	8,11	15,17	
CH3NLM	PowerPlex® 21						
	14,17.3	19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
	13,15	30,30		X,X	10,10	22,23	
		10,11	10,13	9.3,9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

CK9L4P	Identifiler® Plus		19,20		15,18	12,13	8,11		
		4	10,13		8,12	11,11	12,14		
			13,15	30,30		X,X	10,10	22,23	
					9.3,9.3		8,11	15,17	
CL7PYL	Identifiler® Plus		19,20		15,18	12,13	8,11		
		4	10,13		8,12	11	12,14		
			13,15	30		X	10	22,23	
					9.3		8,11	15,17	
CPKZYN	PowerPlex® 21		14,17.3	19,20		15,18	12,13	8,11	
		4	10,13		19,22	8,12	11,11	12,14	
			13,15	30,30		X,X	10,10	22,23	
			10,11	10,13		9.3,9.3	8,11	15,17	
CRB23Q	PowerPlex® ESX 16 Fast		14,17.3	19,20	11,15	15,18			
		4	10,13	12,13	19,22		11	12,14	
			13,15	30	16		X	22,23	
						9.3		15,17	
CRRMN9	Identifiler® Plus		19,20		15,18	12,13	8,11		
		4	10,13		8,12	11,11	12,14		
			13,15	30,30		X,X	10,10	22,23	
					9.3,9.3		8,11	15,17	
CUDN9M	Identifiler®, GlobalFiler		14,17.3	19,20	11,15	15,18	12,13	8,11	
		4	10,13	12,13	19,22	8,12	11	12,14	
			13,15	30	16		X	10	22,23
					19,21	9.3	8,11	15,17	
CUEJY	Identifiler® Plus		19,20		15,18	12,13	8,11		
		4	10,13		8,12	11,11	12,14		
			13,15	30,30		X,X	10,10	22,23	
					9.3,9.3		8,11	15,17	
CV9A2E	PowerPlex® Fusion 6C		14,17.3	19,20	11,15	15,18	12,13	8,11	
		4	10,13	12,13	19,22	8,12	11	12,14	
			13,15	30	16		X	10	22,23
			10,11	10,13	19,21	9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

CVB2TU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CWJJ2J	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
CYMUZM	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
D2BJ4Z	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
D786ZA	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
D7MLWM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
DBJ7YL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
DCDYU6	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

DD62CE	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		-	-	19,21	9.3	8,11	15,17
DDAART	Identifiler® Plus, MiniFiler™						
			19,20		15,18	12,13	8,11
4		10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
DJAXZK	PowerPlex® 16 HS						
					15,18	12,13	8,11
4		10,13			8,12	11	12,14
			30		X	10	22,23
		10,11	10,13		9.3	8,11	15,17
DK3UMT	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13		9.3	8,11	15,17
DKJP92	Identifiler® Plus, MiniFiler™						
			19,20		15,18	12,13	8,11
4		10,13			8,12	11	12,14
		13,15	30		X	10	22,23
					9.3	8,11	15,17
DKRMQR	Identifiler® Plus, MiniFiler™						
			19,20		15,18	12,13	8,11
4		10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17
DLFDF4	Identifiler® Plus						
			19,20		15,18	12,13	8,11
4		10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17
DPJJ43	Identifiler® Plus						
			19,20		15,18	12,13	8,11
4		10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
					9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

DQAB6U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
DQNNJQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DQQGFD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
DQXD4	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
DV4KJE	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
DWGN3T	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DXTHMY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
DY6N9G	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

DY6ZYD	PowerPlex® 16			15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
DYAH2H	PowerPlex® 16 HS			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
DZFPXZ	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
E3JELA	GlobalFiler™			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	19,21	8,11	15,17
				9.3		
E4C9HT	PowerPlex® Fusion			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13				
EEVLGP	Identifiler® Plus			15,18	12,13	8,11
4		19,20		8,12	11,11	12,14
	10,13			X,X	10,10	22,23
	13,15	30,30		9.3,9.3	8,11	15,17
EFLDJZ	Identifiler® Plus			15,18	12,13	8,11
4		19,20		8,12	11	12,14
	10,13			X	10	22,23
	13,15	30		9.3	8,11	15,17
EGKEM7	Identifiler® Plus			15,18	12,13	8,11
4		19,20		8,12	11,11	12,14
	10,13			X,X	10,10	22,23
	13,15	30,30		9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

EGN48Q	PowerPlex® 16			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
EHCREJ	Identifiler® Plus, PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
EML3CK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
EQB89X	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ETF3QF	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
ETXJWM	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
4	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
EUALWN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
EWVZ8W	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

F3DTVZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
F8UJGH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
FAFEUB	PowerPlex® 16					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
FBNJAK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
FCHC2W	COfiler® and Profiler Plus®, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
			30	X	10	22,23
				9.3	8,11	15,17
FFHLCY	Identifiler® Plus Manual					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
FFMVEV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
FLNAVR	Identifiler® Plus					
	NT	19,20	NT	15,18	12,13	8,11
4		10,13	NT	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		NT	NT	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

FMP6J4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
FNG7HZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
FTBZK9	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
FW643E	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
FWWMCV	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
FYXWXX	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
FZCAQZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
G89ECP	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

GBKGXK	Identifiler® Plus		19,20		15,18	12,13	8,11	
		4	10,13		8,12	11,11	12,14	
			13,15	30,30		X,X	10,10	22,23
					9.3,9.3		8,11	15,17
GCKEE9	PowerPlex® Fusion 6C		14,17.3	19,20	11,15	15,18	12,13	8,11
		4	10,13	12,13	19,22	8,12	11	12,14
			13,15	30	16	X	10	22,23
			10,11	10,13	19,21	9.3	8,11	15,17
GCLK3A	PowerPlex® HS				15,18	12,13	8,11	
		4	10,13		8,12	11,11	12,14	
				30,30		X,X	10,10	22,23
			10,11	10,13		9.3,9.3	8,11	15,17
GDVEDM	PowerPlex® FUSION 6C		14,17.3	19,20	11,15	15,18	12,13	8,11
		4	10,13	12,13	19,22	8,12	11	12,14
			13,15	30	16	X	10	22,23
			10,11	10,13	19,21	9.3	8,11	15,17
GKTXRC	Identifiler® Plus		19,20		15,18	12,13	8,11	
		4	10,13		8,12	11	12,14	
			13,15	30		X	10	22,23
					9.3		8,11	15,17
GMZBDK	Identifiler®		19,20		15,18	12,13	8,11	
		4	10,13		8,12	11	12,14	
			13,15	30		X	10	22,23
					9.3		8,11	15,17
GNE76Y	Identifiler® Plus		19,20		15,18	12,13	8,11	
		4	10,13		8,12	11	12,14	
			13,15	30		X	10	22,23
					9.3		8,11	15,17
GNWLB9	GlobalFiler™		14,17.3	19,20	11,15	15,18	12,13	8,11
		4	10,13	12,13	19,22	8,12	11	12,14
			13,15	30	16	X	10	22,23
					19,21	9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

GP7TAU	Identifiler®, PowerPlex® Fusion 5C, Fusion 5C-hv, 16					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
GPLHNL	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
GRWVG4	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GTNUV3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
GUH89Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GWLZ3X	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
GWQUVY	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
GXJBWF	PowerPlex® 16, HS					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

GXVG8H	PowerPlex® 16			15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
GYAEPM	Identifiler®			15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
H2BD7T	Identifiler® Plus, MiniFiler™			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
H4M6LN	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
H6XT3F	PowerPlex® 16 HS			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
H7NHCF	PowerPlex® 16 Hot Start			15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
H8J32Z	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
H9J467	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

H9VXK7	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		
HARQR7	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		
HCVEAG	Identifiler®, GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17	
HE42UU	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17	
HJZDLR	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		
HL63QL	PowerPlex® 16						
				15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
			30	X	10	22,23	
	10,11	10,13	9.3	8,11	15,17		
HLKWC9	PowerPlex® Fusion 6C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17	
HNRPF3	Identifiler® Plus, MiniFiler™						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		

TABLE 2

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

Item 4 - STR Results

HPL9PG	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
HQEVNJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
HT2M6B	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
HT3M3P	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
HV8XRJ	PowerPlex® 21					
	14,17.3	19,20		15,18	12,13	8,11
4		10,13	19,22	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
HW4LKA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
HXYRR9	PowerPlex® HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
J2RDX2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

J39ZMQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
J6UN2B	PowerPlex® HS					
				15,18	12,13	8,11
4		10,13		8,12	11	12,14
		30		X	10	22,23
		10,11	10,13	9.3	8,11	15,17
J77QZA	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
JA6UKN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JAK3LC	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JBXMEL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JEVBT9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JEZYJF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

JFUPPU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JGM3AK	Identifiler® Plus, GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
JJVFN2	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
JK6CA7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JKPGYC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JL2M8U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JLCU4V	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
JN69NJ	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

JN89ZZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JN9X7H	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JPGKQV	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
		-	-	19,21	9.3,9.3	8,11
JPJ3HL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JPZ2TX	PowerPlex® 16					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
JQDLMT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JRPXC3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JTD4D9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

JTWULT	PowerPlex® 16			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
JUAEGN	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JW2B4W	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JWDAX7	PowerPlex® HS			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
JWYL2L	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
JWZEX8	PowerPlex® Fusion 6C			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13	19,21			
K2P9CK	PowerPlex® FUSION 6C			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11	12,14
	10,13	12,13	19,22	X	10	22,23
	13,15	30	16	9.3	8,11	15,17
	10,11	10,13	19,21			
K2Q88E	GlobalFiler™			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			

TABLE 2

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

Item 4 - STR Results

K4CUZ2	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
4	10,13	-	-	8,12	11,11	12,14
	13,15	30,30	-	X,X	10,10	22,23
	-	-	-	9.3,9.3	8,11	15,17
K6A8G3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
K6B26E	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
K6KBQK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
K8VJBJ	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
KAKK2L	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
KBE7UD	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
KEWTGC	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

KF88XD	PowerPlex® 16 HS			15,18	12,13	8,11		
		4	10,13		8,12	11	12,14	
				30	X	10	22,23	
			10,11	10,13	9.3	8,11	15,17	
KGH6AA	Identifiler® Plus		19,20	15,18	12,13	8,11		
		4	10,13	8,12	11	12,14		
			13,15	30	X	10	22,23	
					9.3	8,11	15,17	
KGGW2P	Identifiler® Plus		19,20	15,18	12,13	8,11		
		4	10,13	8,12	11,11	12,14		
			13,15	30,30	X,X	10,10	22,23	
					9.3,9.3	8,11	15,17	
KPFZ6M	Identifiler® Plus		19,20	15,18	12,13	8,11		
		4	10,13	8,12	11,11	12,14		
			13,15	30,30	X,X	10,10	22,23	
					9.3,9.3	8,11	15,17	
KQBTCJ	PowerPlex® 16 HS			15,18	12,13	8,11		
		4	10,13	8,12	11,11	12,14		
				30,30	X,X	10,10	22,23	
			10,11	10,13	9.3,9.3	8,11	15,17	
KTVAG6	GlobalFiler™		14,17.3	19,20	11,15	15,18	12,13	8,11
		4	10,13	12,13	19,22	8,12	11	12,14
			13,15	30	16	X	10	22,23
			-	-	19,21	9.3	8,11	15,17
KU7AEK	Identifiler® Plus		19,20	15,18	12,13	8,11		
		4	10,13	8,12	11,11	12,14		
			13,15	30,30	X,X	10,10	22,23	
					9.3,9.3	8,11	15,17	
KU89BE	Identifiler® Plus		19,20	15,18	12,13	8,11		
		4	10,13	8,12	11	12,14		
			13,15	30	X	10	22,23	
					9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

KU9YL3	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
KUP38H	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
KUQK3C	PowerPlex® 16 HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
KXNGTL	PowerPlex® ESI 17					
	14,17.3	19,20	11,15	15,18		
4		10,13	12,13	19,22	11,11	12,14
		13,15	30,30	16,16	X,X	22,23
			19,21	9.3,9.3		15,17
KYFCGF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
KYJRW2	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
KZVMHU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
L26W6Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

L2LDYR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
L3FXTJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
L3V67N	PowerPlex® Fusion, MiniFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
L638Q4	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
L6JTCL	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
L6KT8F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
L89ZWJ	Identifiler® Plus					
	N/A	19,20	N/A	15,18	12,13	8,11
4	10,13	N/A	N/A	8,12	11,11	12,14
	13,15	30,30	N/A	X,X	10,10	22,23
	N/A	N/A	N/A	9.3,9.3	8,11	15,17
L8P2VE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

LAUGWV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LC4Y32	PowerPlex® 16, ESX 17					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X,X	10
		10,11	10,13	19,21	9.3	8,11
LCJ92U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LD4PJH	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
LDDWH4	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
LDWP9F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LDXKVT	Identifiler®, PowerPlex® Fusion 5C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
LFQB8Y	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

LHBNZU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LHTGGD	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LNE6HA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LNTXRH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LTVMLD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
LVH9AU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LWCU3K	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
LXNNK7	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

Item 4 - STR Results

LYGK8E						
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17
LZ9PGD	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
LZDV63	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
M3D278	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
M3EVRX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
M46TL6	PowerPlex® Fusion, ESX 17					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
M6JBRW	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
M9YP8P	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

MFYBTC	PowerPlex® HS			15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
MGEW3E	PowerPlex® 21			15,18	12,13	8,11
4	14,17.3	19,20		15,18	12,13	8,11
	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
MJFX6W	Identifiler® Plus			15,18	12,13	8,11
4		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MKU6QD	PowerPlex® 21			15,18	12,13	8,11
4	14,17.3	19,20		15,18	12,13	8,11
	10,13		19,22	8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
MKVMJP	Identifiler® Plus			15,18	12,13	8,11
4		19,20		15,18	12,13	8,11
	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MNACVL	Identifiler®, MiniFiler™			15,18	12,13	8,11
4		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
MNB24P	Identifiler®, PowerPlex® Fusion 5C			15,18	12,13	8,11
4	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
MP78EU	PowerPlex® FUSION 5C			15,18	12,13	8,11
4	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

MQLEYQ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MT9GYR	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
MUGTCM	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
MUKBER	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MUZAGA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
MUZJL8	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
MVE2K8	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
MWRKK4	PowerPlex® 16					
				15,18	12,13	8,11
4				8,12	11,11	12,14
		30,30		X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

N6UGLC	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
4	10,11	10,13		9.3	8,11	15,17
	PowerPlex® ESI 17					
	14,17.3	19,20	11,15	15,18		
	10,13	12,13	19,22		11,11	12,14
4	13,15	30,30	16,16	X,X		22,23
			19,21	9.3,9.3		15,17
	Identifiler® Plus					
N9KCUE		19,20		15,18	12,13	8,11
	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
N9YBW	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
	10,13	-	-	8,12	11,11	12,14
	13,15	30,30	-	X,X	10,10	22,23
4	-	-	-	9.3,9.3	8,11	15,17
	PowerPlex® 16 HS					
				15,18	12,13	8,11
	10,13			8,12	11	12,14
4		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
	PowerPlex® 16 HS					
NAUWKF				15,18	12,13	8,11
	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
NBLN6K	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
4	10,11	10,13		9.3	8,11	15,17
	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

NJVJAR	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
				9.3	8,11	15,17	
NLYQKQ	Identifiler® Plus, MiniFiler™						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
				9.3	8,11	15,17	
NMHX39	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
				9.3	8,11	15,17	
NUEKLE	Identifiler® Plus						
		N/A	19,20	N/A	15,18	12,13	8,11
	4	10,13	N/A	N/A	8,12	11,11	12,14
		13,15	30,30	N/A	X,X	10,10	22,23
		N/A	N/A	N/A	9.3,9.3	8,11	15,17
NUY233	PowerPlex® Fusion 6C						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13	19,21	9.3	8,11	15,17
NVQ33Y	Identifiler®						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
				9.3	8,11	15,17	
P2Q4DD	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
				9.3,9.3	8,11	15,17	
P37AVN	Identifiler® Plus, MiniFiler™						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
				9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

P68DKP	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
P74NHD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
P8WK6L	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
P8XXL9	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
P9T4XF	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
P9TJEY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
PA7K99	PowerPlex® 16 HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
PA9C4U	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

PC9MVN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PEFBLT	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PEZJM4	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
PF79JK	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PG9RU3	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17
PJVDHJ	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
						15,17
PKNWAP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
PMTMWR	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
4		10,13	-	8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
		-	-	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

PR8V64	PowerPlex® Fusion 6C						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
	10,11	10,13	19,21	9.3	8,11	15,17	
PR9PQV	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	
PUU3KE	PowerPlex® Fusion 6C						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23	
	10,11	10,13	19,21	9.3	8,11	15,17	
PUWQMQ	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	
PWVC7F	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
	13,15	30,30		X,X	10,10	22,23	
				9.3,9.3	8,11	15,17	
PWZQGV	Identifiler® Plus, MiniFiler™						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
	13,15	30,30		X,X	10,10	22,23	
				9.3,9.3	8,11	15,17	
PXBBKY	Identifiler® Plus, GlobalFiler™						
	14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23	
			19,21	9.3,9.3	8,11	15,17	
PXCTFU	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
	13,15	30		X	10	22,23	
				9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

PYPVFU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Q37F3A	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
Q4FX7T	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
4	10,13	-	-	8,12	11,11	12,14
	13,15	30,30	-	X,X	10,10	22,23
	-	-	-	9.3,9.3	8,11	15,17
Q4VJBN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
Q76V9C	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
Q7JTPV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Q7MUH4	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
Q8VZ2J	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

Q969L4	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
Q9AJR9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
Q9NHPJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QBUDK3	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QC93LU	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QCQRC2	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
QD24YP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QJAPN9	PowerPlex® 16 HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

QKFAAM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QLERJY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QLFF6J	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
QLVZAE	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13		9.3	8,11
QU9QGY	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
QU9YZJ	PowerPlex® 16					
				15,18	12,13	8,11
4				8,12	11	12,14
		30		X	10	22,23
		10,11	10,13		9.3	8,11
QVFAWM	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QVZF8Q	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

QVZGBX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
QWCRUG	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
QXDDYA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
QZXXNR	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
R3EAVF	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
R64GFC	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
R7UQ3Y	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	8,12	11	12,14
		13,15	30	X,X	10	22,23
		10,11	10,13	9.3	8,11	15,17
R88ELX	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	8,12	11	12,14
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

R944YK	Identifiler® Plus	19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
R9LPFW	Identifiler® Plus	19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
RCNL47	PowerPlex® 16 HS			15,18	12,13	8,11
4		10,13		8,12	11	12,14
			30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
RDFL43	Identifiler® Plus	19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
RGD2UY	PowerPlex® HS			15,18	12,13	8,11
4		10,13		8,12	11	12,14
			30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
RL9WDX	Identifiler® Plus	19,20		15,18,[16]	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
RLBFNF	Identifiler® Plus, MiniFiler™	19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
RX47Z7	PowerPlex® 16 HS			15,18	12,13	8,11
4		10,13		8,12	11	12,14
			30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

RXLUKM	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
T3TZDX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
T3VR9K	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
TL6RDE	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
TLNDAC	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
TN9KAY	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
TNYBNT	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
TQLXCA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

TTPUGB	Identifiler® Plus							
		19,20		15,18	12,13	8,11		
	4	10,13		8,12	11,11	12,14		
		13,15	30,30	X,X	10,10	22,23		
			9.3,9.3	8,11	15,17			
TTRDMM	Identifiler®							
		19,20		15,18	12,13	8,11		
	4	10,13		8,12	11	12,14		
		13,15	30	X	10	22,23		
			9.3	8,11	15,17			
TUHGGU	Identifiler® Plus							
		19,20		15,18	12,13	8,11		
	4	10,13		8,12	11,11	12,14		
		13,15	30,30	X,X	10,10	22,23		
			9.3,9.3	8,11	15,17			
U2WPFA	Identifiler® Plus							
		19,[20]		15,18	12,13	8,11		
	4	10,[13]		8,12	11	12,14		
		13,15	30	X	10	22,23		
			9.3	8,11	15,17			
U3PX66	GlobalFiler™							
		14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14	
		13,15	30	16	X	10	22,23	
			19,21	9.3	8,11	15,17		
U4YCJJ	Identifiler® Plus							
		19,20		15,18	12,13	8,11		
	4	10,13		8,12	11	12,14		
		13,15	30	X	10	22,23		
			9.3	8,11	15,17			
U7MCRV	PowerPlex® Fusion 6C							
		14,17.3	19,20	11,15	15,18	12,13	8,11	
	4	10,13	12,13	19,22	8,12	11	12,14	
		13,15	30	16	X	10	22,23	
		10,11	10,13	19,21	9.3	8,11	15,17	
UBMZFA	PowerPlex® 16 HS							
				15,18	12,13	8,11		
	4	10,13		8,12	11,11	12,14		
			30,30	X,X	10,10	22,23		
		10,11	10,13	9.3,9.3	8,11	15,17		

TABLE 2

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

Item 4 - STR Results

UBPZP6	Identifiler® Plus	19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
UCW6TY	PowerPlex® Fusion 6C	14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
UDN2HT	Identifiler® Plus	19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UFR9Q7	Identifiler® Plus	19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
UFZ78X	PowerPlex® Fusion 6C	14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
UHRMVE	PowerPlex® Fusion	14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
UJFMEG	Identifiler® Plus, MiniFiler™	19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
UJUAQ4	Identifiler® Plus, PowerPlex® Fusion	14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11

TABLE 2

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

Item 4 - STR Results

ULKBXC	PowerPlex® Fusion						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11	12,14
		13,15	30	16	X	10	22,23
		10,11	10,13		9.3	8,11	15,17
UMFQAA	PowerPlex® 16						
					15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
			30,30		X,X	10,10	22,23
		10,11	10,13		9.3,9.3	8,11	15,17
UPNYG9	Identifiler®						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	
URMK3J	Identifiler® Plus, PowerPlex® 16						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
		10,11	10,13		9.3	8,11	15,17
URRV6H	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
UUG2PE	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
UXXXH	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11,11	12,14
		13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17	
UY8KFB	Identifiler® Plus						
			19,20		15,18	12,13	8,11
	4	10,13			8,12	11	12,14
		13,15	30		X	10	22,23
				9.3	8,11	15,17	

TABLE 2

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

Item 4 - STR Results

UZ27A3	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
UZGM92	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
UZK3NN	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
V2QGE7	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
V3KM38	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
V3QUAA	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	9.3	8,11	15,17
V3Z28V	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
V6TLLF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

VA4BU9	PowerPlex® 16 HS			15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17
VBHCLW	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
VCVA7L	GlobalFiler™			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
			19,21			
VEJB3G	PowerPlex® Fusion 6C			15,18	12,13	8,11
4	14,17.3	19,20	11,15	8,12	11,11	12,14
	10,13	12,13	19,22	X,X	10,10	22,23
	13,15	30,30	16,16	9.3,9.3	8,11	15,17
	10,11	10,13	19,21			
VF9CTH	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
VG3BC6	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
VGNYJR	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
VHFZJN	Identifiler® Plus			15,18	12,13	8,11
4	10,13	19,20		8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

VHX7HE	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
VHZVPW	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
VTJCFH	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
VWKQC2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
VXARXX	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
VZHLJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
WA2NM3	Identifiler® Plus					
		19,20		15,18	12 [^] ,13	8 [^] ,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22 [^] ,23
				9.3	8,11	15,17
WD4YNP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

WGJ48Y	PowerPlex® 16 HS			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
WHUNF9	PowerPlex® FUSION					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
WJ7HXU	PowerPlex® 16, HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
WPT26V	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
WPU9H6	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
WRZQGZ	PowerPlex® HS					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
WTRQFW	PowerPlex® 16 HS, ESX 17					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
WTU4UX	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

WUQMCL	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
			9.3	8,11	15,17		
WVZ83M	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
			9.3	8,11	15,17		
X3DCYZ	Identifiler® Plus, PowerPlex® HS						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
		10,11	10,13	9.3	8,11	15,17	
X9MLCM	GlobalFiler™						
		14,17.3	19,20	11,15	15,18	12,13	8,11
	4	10,13	12,13	19,22	8,12	11,11	12,14
		13,15	30,30	16,16	X,X	10,10	22,23
			19,21	9.3,9.3	8,11	15,17	
X9Z3JA	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X,X	10	22,23	
			9.3	8,11	15,17		
XDEQ8D	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11,11	12,14	
		13,15	30,30	X,X	10,10	22,23	
			9.3,9.3	8,11	15,17		
XEAF6E	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
			9.3	8,11	15,17		
XFLKUG	Identifiler® Plus						
		19,20		15,18	12,13	8,11	
	4	10,13		8,12	11	12,14	
		13,15	30	X	10	22,23	
			9.3	8,11	15,17		

TABLE 2

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

Item 4 - STR Results

XGZFRP	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
XJ3FLV	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11
XJ68HH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
XLAT84	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
XLB2MV	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
XLW2LD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
XQ6XAZ	PowerPlex® 16 HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17
XTBKM6	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
				19,21	9.3	8,11

TABLE 2

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

Item 4 - STR Results

XTQFVD	PowerPlex® 16			15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17
XVWUMD	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
XYWZ9B	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
XZRVYK	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
Y3B3NE	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
Y3ZVRD	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Y8P3WK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
Y8QZ8F	Identifiler® Plus					
	-	19,20	-	15,18	12,13	8,11
4	10,13	-	-	8,12	11,11	12,14
	13,15	30,30	-	X,X	10,10	22,23
	-	-	-	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

Y9HDX9	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
YB3DYA	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
				19,21	9.3,9.3	8,11
					8,11	15,17
YGEBMW	Identifiler® ID28					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
YJXDFM	Identifiler®					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
YJZ7BA	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YKGZCK	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
YL9ZCG	PowerPlex® 21					
		14,17.3	19,20	15,18	12,13	8,11
4		10,13		19,22	8,12	11
		13,15	30	X	10	22,23
		10,11	10,13	9.3	8,11	15,17
YLKY46	PowerPlex® 16 HS					
				15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
			30,30	X,X	10,10	22,23
		10,11	10,13	9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

YPBYNU	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13	19,21	9.3	8,11	15,17
YPJHZB	Identifiler® Plus, MiniFiler™					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
YPMT7F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
YRU3B7	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YRVV7T	GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	-	-	19,21	9.3	8,11	15,17
YT8FMM	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YTB3H3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YUGYEQ	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
		30,30		X,X	10,10	22,23
	10,11	10,13		9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

YUXGP4	Identifiler®, MiniFiler™, SGMPlus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YUYFMJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
YW74DP	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
YX3EBD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
YYBQQU	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
YYT7AH	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z37346	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z4JJCC	PowerPlex® 16					
				15,18	12,13	8,11
4	10,13			8,12	11	12,14
		30		X	10	22,23
	10,11	10,13		9.3	8,11	15,17 ^

TABLE 2

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

Item 4 - STR Results

Z4L2L9	PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
Z6FEUZ	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z78GX3	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z83UMF	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z8KF9Y	Identifiler®, GlobalFiler™					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
			19,21	9.3	8,11	15,17
Z9F6ZZ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
Z9FZTC	Identifiler®, PowerPlex® Fusion					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11	12,14
	13,15	30	16	X	10	22,23
	10,11	10,13		9.3	8,11	15,17
ZAP8W6	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

ZB2ZVE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZFH7UA	PowerPlex® Fusion					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X,X	10
		10,11	10,13		9.3	8,11
				9.3	8,11	15,17
ZJVU67	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X,X	10	22,23
				9.3	8,11	15,17
ZKQ2FB	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11	12,14
		13,15	30	X	10	22,23
				9.3	8,11	15,17
ZL42TR	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
				9.3	8,11	15,17
ZLJGNK	GlobalFiler™					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11,11
		13,15	30,30	16,16	X,X	10,10
			19,21	9.3,9.3	8,11	15,17
ZN74C2	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4		10,13		8,12	11,11	12,14
		13,15	30,30	X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZPHV9P	PowerPlex® Fusion 6C					
		14,17.3	19,20	11,15	15,18	12,13
4		10,13	12,13	19,22	8,12	11
		13,15	30	16	X	10
		10,11	10,13	19,21	9.3	8,11
				9.3	8,11	15,17

TABLE 2

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

Item 4 - STR Results

ZPHZLD	PowerPlex® Fusion 6C					
	14,17.3	19,20	11,15	15,18	12,13	8,11
4	10,13	12,13	19,22	8,12	11,11	12,14
	13,15	30,30	16,16	X,X	10,10	22,23
	10,11	10,13	19,21	9.3,9.3	8,11	15,17
ZUDZ8F	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X,X	10	22,23
				9.3	8,11	15,17
ZUXF8X	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
ZWMLRV	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
ZXWLTV	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZYBLYJ	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11	12,14
	13,15	30		X	10	22,23
				9.3	8,11	15,17
ZYR6Y4	Identifiler®					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	15,17
ZZQ9RE	Identifiler® Plus					
		19,20		15,18	12,13	8,11
4	10,13			8,12	11,11	12,14
	13,15	30,30		X,X	10,10	22,23
				9.3,9.3	8,11	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

4DG2BP	PowerPlex® Fusion 6C	1								
		[REDACTED]								
4KE9YJ	Yfiler Plus	1								
		NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
			NR	NR	NR		NR	NR		
4Q9ZFT	Yfiler®	1								
		[REDACTED]								
62DMV4	PowerPlex® Y 23	1								
		[REDACTED]								
6C7QBK	Fusion 6C	1								
		[REDACTED]								
6RDFBJ	PowerPlex® Fusion 6C, Direct (DYS391, DYS570, DYS576)	1					NR			
		[REDACTED]								
			NR	NR						
7ATNUD	PowerPlex® Y 23	1								
		[REDACTED]								
7G8ZZ6	GlobalFiler™ Express	1								
		[REDACTED]								
8CTDCD	PowerPlex® Y 23	1								
		[REDACTED]								

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

8K8ZPM	Yfiler®	[REDACTED]								
8LWLYP	Yfiler®	[REDACTED]								
8LXGKG	PowerPlex® Fusion 6C	[REDACTED]								
8T3XEB	Yfiler®	[REDACTED]								
8VPLRW	Yfiler®	[REDACTED]								
9LF3Y6	GlobalFiler™	[REDACTED]						NR	NR	
AGWYBU	Yfiler®	[REDACTED]								
ANVNUJ	PowerPlex® Y 23	[REDACTED]								
B7VG8B	Fusion 6C Direct (DYS391, DYS570, DYS576)	[REDACTED]						NR	NR	NR
DD62CE	GlobalFiler™	[REDACTED]						NR	-	-
		[REDACTED]						-	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

DQNNJQ	Yfiler®								
	1								

DV4KJE	Fusion 6C								
	1								

EEVLGP	Yfiler®								
	1								

EWVZ8W	GlobalFiler™ Express								
	1								

FLNAVR	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	

FTBZK9	PowerPlex® Fusion 6C								
	1								

GMZBDK	Yfiler®								
	1								

GNWLB9	Yfiler® Plus								
	1								

HLKWC9	Fusion 6C								
	1								

JY8T4D	Yfiler®								
	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

K2P9CK	PowerPlex® Fusion 6C									
	1									
KUP38H	Yfiler®									
	1									
KYFCGF	Yfiler®									
	1									
L8P2VE	Yfiler®									
	1									
LNTXRH	Yfiler®									
	1									
NUEKLE	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				
P74NHD	Yfiler®									
	1									
P9TJEY	Fusion 6C (Direct) DYS391, DYS570, DYS576									
	1							NR		
		NR			NR					
PA7K99	PowerPlex® Y 23									
	1									
PUU3KE	PowerPlex® Fusion 6C									
	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

PWV8TT	Yfiler®								
	1								
QC93LU	Yfiler®								
	1								
QU9QGY	PowerPlex® Fusion 6C								
	1								
QVZGBX	Fusion 6C								
	1						NR		
			NR	NR					
TBACV7	Yfiler®								
	1								
TTRDMM	Yfiler®								
	1								
U4YCJJ	GlobalFiler™ Express								
	1								
U7MCRV	PowerPlex® Fusion 6C								
	1								
UFR9Q7	Yfiler®								
	1								
UFZ78X	Fusion 6C								
	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

VFQVKP	PowerPlex® Y 23	[REDACTED]								
	1	[REDACTED]								
VXARXX	PowerPlex® Y 23	-	-	-	-	-	-	-	-	
	1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
WM62VM	PowerPlex® Y 23	[REDACTED]								
	1	[REDACTED]								
WPT26V	Fusion 6C						NR			
	1						NR			
		NR	NR							
YPBYNU	Fusion 6C (PowerPlex®)	[REDACTED]								
	1	[REDACTED]								
YRU3B7	Yfiler®	[REDACTED]								
	1	[REDACTED]								
YRVV7T	GlobalFiler™	-	-	-	-	-	NR	-	-	
	1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	NR	-	
ZGRMXR	PowerPlex® Fusion 6C	[REDACTED]								
	1	[REDACTED]								
ZJVU67	Yfiler®	[REDACTED]								
	1	[REDACTED]								

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

22B76F	2						10		
[Redacted]									
22VF7Q	PowerPlex® Fusion 6C						10		
22VF7Q	2						10		
[Redacted]									
		14	18						
24KLQN	PowerPlex® Fusion 6C						10		
24KLQN	2						10		
[Redacted]									
		14	18						
26BWCA	Yfiler®	15	14,18	14	31	22	10	11	13
26BWCA	2	14	11	12	21	15	15		
[Redacted]									
				21			10		
29B4ZT	PowerPlex® Y 23	15	14,18	14	31	22	10	11	13
29B4ZT	2	14	11	12	21	15	15	26	11
[Redacted]									
		12	14	18	21	12	10		
2E6TQX	Yfiler®	15	14,18	14	31	22	10	11	13
2E6TQX	2	14	11	12	21	15	15		
[Redacted]									
				21			10		
2GL87R	Yfiler®	15	14,18	14	31	22	10	11	13
2GL87R	2	14	11	12	21	15	15		
[Redacted]									
				21			10		
2PHZG7	2						10		
[Redacted]									
2RP9UX	Yfiler®	15	14,18	14	31	22	10	11	13
2RP9UX	2	14	11	12	21	15	15		
[Redacted]									
				21			10		
2VL9JT	Yfiler®	15	14,18	14	31	22	10	11	13
2VL9JT	2	14	11	12	21	15	15		
[Redacted]									
				21			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									
34BERK	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
38EBVE	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
3CPNBR	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
3CUB4L	Fusion 6C								
	2						10		
			14	18					
3DHUZD	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
3G3U4Z	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
3K4NXB	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
3LQMTK	Yfiler® Plus								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
			14	18	21		10		
3NHJJZ	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
3TX8ZQ	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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										
3VH2WQ	Yfiler® Plus									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
			14	18	21		10	2		
3YZQ89							10			
	2									
										2
3ZAAXC	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
3ZW26W	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
43WZ9G	PowerPlex® Fusion 6C									
	2						10			
			14	18						
44WZB3	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
494NN4	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
4DG2BP	PowerPlex® Fusion 6C									
	2						10			
			14	18						
4EV9YR	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
4GWYXY	y-markers from Fusion 6C kit									
	2						10			
			14	18						

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									
4GZNBZ	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
4JKHT6									
	2						10		
4KE9YJ	Yfiler Plus								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
			14	18	21		10	2	
4Q9ZFT	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
4RB3WH	PowerPlex® Fusion								
	2						10		
4REK4U	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
4TTWXR	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
4W7U6E	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
62DMV4	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
6A9MAW	Yfiler® Plus, PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10	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

6C7QBK	Fusion 6C								
	2						10		
			14	18					
6GVDU7	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
6J4GUA	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
6KVL69	Fusion 5C								
	2						10		
6LTRP9									
	2						10		
								2	
6RDFBJ	Yfiler®, PowerPlex® Fusion 6C (DYS391, DYS570, DYS576) Direct								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
			14	18	21		10		
6W6EDZ	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
6X3XQF	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
6XY3WV	GlobalFiler™								
	2						10		
6YDEQU	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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

6YE7MG	PowerPlex® Fusion									
	2						10			
749GHZ	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
7863A4	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
79DJX2	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
79ZNYN	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
7ARETL	PowerPlex® Y 23, PowerPlex® Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
7ATNUD	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
7EYJCT	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
7G8ZZ6	GlobalFiler™ Express									
	2						10			
7GQBNY	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	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

7P4G7N	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
7QF27K		2						10		
7TJWPM	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
7ZHCLM	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
7ZN4LW	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
876NXU		2						10		
										2
88KQ3H	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
				14	18	21		10	2	
8AMLN7		2						10		
										2
8CTDCD	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
8DQHBF	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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									
8FVHJK	Yfiler®, GlobalFiler™								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10	2	
8JAPRY							10		
8JCFZ3							10		
	2							2	
8K8ZPM	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
8LWLYP	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
8LXGKG	PowerPlex® Fusion 6C								
	2						10		
			14	18					
8PC2JP	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
8PDTEC	PowerPlex® Fusion								
	2						10		
8T3XEB	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
8VPLRW	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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

8YKJ6U	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
93MNFU		2						10		
				14	18					
94XQ2R		2						10		
				14	18					
98EXJZ		2						10		
9BE4ZR	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
9L9KN8		2						10		
9LF3Y6	GlobalFiler™	2						10		
									2	
9NKQGG	PowerPlex® Fusion 6C	2						10		
				14	18					
9PE4TU		2						10		
9UA66M	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

9YKX22	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
A8DHQZ		2						10		
										2
AAZVUC	GlobalFiler™ Express	2						10		
										2
AB9CJV		2						10		
ADY7RW	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
AF4YJB	Fusion 6C	2						10		
				14	18					
AGF7UB	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
AGWRET		2						10		
AGWYBU	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
AJL4CD	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

AKEKEF	PowerPlex® Fusion 6C								
	2						10		
			14	18					
ANVNUJ	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
ANY7WN	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
APRRV8	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
AVVZUM	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
B2Y886	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
B3VAPY									
	2						10		
								2	
B47FHA	PowerPlex® Fusion 6C								
	2						10		
			14	18					
B7VG8B	Yfiler®, Direct (Fusion 6C) DYS391, DYS570, DYS576								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
			14	18	21		10		
B87NQQ	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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										
B8MUX4	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
B8NCUJ	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
BCJD7U	PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	10			
BDBZRB	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
BL9RXJ	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
BNEHFE	Fusion 6C									
	2						10			
			14	18						
BZ8BHB	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
BZPP2Y										
	2						10			
								2		
C43C7B	PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	10			
C863LX	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		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

CCBG3E	2							10	
CEKWP8	Fusion 6C							10	
	2							10	
			14	18					
CEMLRJ	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
CEMLU4	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
CFG8MV	2							10	
								2	
CK9L4P	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
CL7PYL	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
CUDN9M	2							10	
								2	
CV9A2E	Fusion 6C							10	
	2							10	
			14	18					
CWJJ2J	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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

CYMUZM	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
D2BJ4Z	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10	2	
D786ZA	GlobalFiler™ Express	2						10		
									2	
D7MLWM	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
DD62CE	Yfiler® Plus, GlobalFiler™ (Yindel)	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			-	14	18	21	-	10	2	
DDAART	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
DJAXZK	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
DK3UMT		2						10		
DKJP92	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
DLDF4	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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										
DPJJ43	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
DQAB6U	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
DQNNJQ	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
DV4KJE	Fusion 6C	2						10		
				14	18					
DY6N9G	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
DYAH2H	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
E3JELA	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
				14	18	21		10	2	
E4C9HT		2						10		
EEVLGP	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
EGKEM7	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

EHCREJ	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
EML3CK	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
ETF3QF		2						10		
EUALWN		2						10		
				14	18					
EWWZ8W	GlobalFiler™ Express	2						10		
									2	
F3DTVZ	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
F8UJGH	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
F92XL4		2						10		
F9MH82	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10	2	
FBNJAK	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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									
FCHC2W	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
FFMVEW	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
FLNAVR	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	NT	NT
		NT	NT	NT	21	NT	10	NT	
FMP6J4	PowerPlex® Fusion 6C								
	2						10		
			14	18					
FTBZK9	PowerPlex® Fusion 6C								
	2						10		
			14	18					
FW643E	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
FWWMCV	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	12	15	15		
					21		10		
FYXWXX	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
G89ECP	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
GCKEE9	PowerPlex® Fusion 6C								
	2						10		
			14	18					

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

GDVEDM	Fusion 6C Y-Markers								
	2							10	
			14	18					
GH3UY6	PowerPlex® Fusion								
	2							10	
GKTXRC	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
GMZBDK	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
GNWLB9	Yfiler® Plus								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
			14	18	21		10	2	
GP7TAU	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
GPLHNL									
	2							10	
									2
GTNUV3	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
GUH89Y	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
GYAEPM	Yfiler® Plus, GlobalFiler™								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
			14	18	21		10	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

H2BD7T	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
H6XT3F	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
H9J467	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
H9VXK7	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
				14	18	21		10		
HCVEAG		2						10		
									2	
HE42UU		2						10		
									2	
HLKWC9	Fusion 6C	2						10		
				14	18					
HPL9PG	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
HT2M6B	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
HT3M3P	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

HW4LKA	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
J2RDX2	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
J6UN2B	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
J77QZA	Fusion 6C, PowerPlex®	2						10		
				14	18					
JAK3LC	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
JEZYJF	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
JGM3AK		2						10		
									2	
JVFN2	PowerPlex® Y 23, Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
JK6CA7		2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
JKPGYC	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

JL2M8U	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
JLCU4V	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
JN69NJ	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
				14	18	21		10		
JPGKQV	GlobalFiler™	2						10		
									2	
JPZ2TX	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
JTD4D9	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
JWDAX7	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
JWZEX8	PowerPlex® Fusion 6C	2						10		
				14	18					
JY6BX3	PowerPlex® Fusion	2						10		
JY8T4D	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

K2P9CK	PowerPlex® Fusion 6C								
	2						10		
			14	18					
K2Q88E									
	2						10		
								2	
K6B26E	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
K6KBQK	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
				21		10			
K8VJBJ	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
KAKK2L	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
KBE7UD	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
KEWTGC	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
				21		10			
KF88XD	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
KGH6AA	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
				21		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										
KGKW2P	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
KQBTCJ	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
KTVAG6	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			Not Tested	14	18	21	-	10	2	
KU89BE	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
KU9YL3	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
KUP38H	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
KYFCGF	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
KYJRW2	2						10			
L3V67N	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
L638Q4	Power Plex Fusion 6C	2					10			
				14	18					

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

L6KT8F	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
L8P2VE	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
LC4Y32	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
LCJ92U	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
LD4PJH	Y markers in Fusion 6C kit	2						10		
				14	18					
LDDWH4	PowerPlex® Y 23, Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
LDXKVT	Fusion 5C	2						10		
LHBNZU	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
LHTGGD	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
LNE6HA	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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										
LNTXRH	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
LTVMLD	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
LX7MUX	Yfiler®, PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	10			
LXNNK7	PowerPlex® Fusion 6C									
	2						10			
			14	18						
LYGK8E										
	2						10			
								2		
LZ9PGD	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
LZDV63	Fusion 6C									
	2						10			
			14	18						
M3D278	Fusion 6C									
	2						10			
			14	18						
M3EVRX	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
M46TL6	PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	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									
M6JBRW	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
M6YEFW	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
M9YP8P	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
MJFX6W	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
MKU6QD	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
MNB24P	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
MP78EU	PowerPlex® Y 23, Fusion 5C								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
MT9GYR	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
MUGTCM	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
MUZAGA	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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										
MUZJL8	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
MVE2K8	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
N6UGLC										
	2						10			
N9KCUE	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
NARVA2	PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	10			
NAUWKF	PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	10			
NBLN6K										
	2						10			
NH6PN4	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
NLYQKQ	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
NMHX39	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		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

NUEKLE	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
NUY233	PowerPlex® Fusion 6C	2						10		
				14	18					
NVQ33Y	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
NZ2H6V	PowerPlex® Fusion	2						10		
P2Q4DD	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
P37AVN	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
P68DKP	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
P74NHD	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
P9TJEY	Yfiler®, PowerPlex® Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
				14	18	21		10		
PA7K99	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	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

PC9MVN	2								10
PEZJHW	2								10
PF79JK	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
PG9RU3	Fusion 6C								
	2								10
			14	18					
PJVDHJ	2								10
PR8V64	PowerPlex® Fusion 6C								
	2								10
			14	18					
PR9PQV	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
PUU3KE	PowerPlex® Fusion 6C								
	2								10
			14	18					
PWV8TT	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
PXBBKY	Yfiler® Plus								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
			14	18	21		10	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

PXCTFU	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
PYPVFU	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
Q76V9C		2						10		
									2	
Q7JTPV	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
Q8VZ2J		2						10		
									2	
Q9NHPJ		2						10		
									2	
QBUDK3	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
QC93LU	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
QCQRC2	PowerPlex® Y 23, Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
QD24YP	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

QLFF6J	2							10	
									2
QLVZAE	PowerPlex® Fusion							10	
2									
QU9QGY	PowerPlex® Fusion 6C							10	
2									
			14	18					
QU9YZJ	Yfiler®	15	14,18	14	31	22	10	11	13
2		14	11	12	21	15	15		
					21		10		
QVZF8Q	Yfiler®	15	14,18	14	31	22	10	11	13
2		14	11	12	21	15	15		
					21		10		
QVZGBX	Yfiler®, Fusion 6C	15	14,18	14	31	22	10	11	13
2		14	11	12	21	15	15		
			14	18	21		10		
QZXXNR	2							10	
R3EAVF	Yfiler®	15	14,18	14	31	22	10	11	13
2		14	11	12	21	15	15		
					21		10		
R64GFC	PowerPlex® Fusion 6C Y-markers							10	
2									
			14	18					
R7UQ3Y	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

R88ELX	PowerPlex® Y 23, Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
RAUZBE	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
RCNL47	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
RDFL43	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
RGD2UY	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
RL9WDX	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
RLBFNF	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
RX47Z7	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
T3TZDX	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
TBACV7	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		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

TL6RDE	2								10
TLNDAC	2								10
TNYBNT	GlobalFiler™ Express								10
	2								2
TQLXCA	Yfiler®	15	14,18	14	31	22	10	11	13
	2	14	11	12	21	15	15		
					21		10		
TTPUGB	Yfiler®	15	14,18	14	31	22	10	11	13
	2	14	11	12	21	15	15		
					21		10		
TTRDMM	Yfiler®	15	14,18	14	31	22	10	11	13
	2	14	11	12	21	15	15		
					21		10		
U2WPFA	PowerPlex® Y 23	15	14,18	14	31	22	10	11	13
	2	14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
U3PX66	GlobalFiler™ Express								10
	2								2
U4YCJJ	GlobalFiler™ Express								10
	2								2
U7MCRV	PowerPlex® Fusion 6C								10
	2								
		14	18						

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

UBMZFA	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
UBPZP6	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
UCW6TY	Fusion 6C	2						10		
				14	18					
UFR9Q7	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
UFZ78X	Fusion 6C	2						10		
				14	18					
UHRVVE	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
UJFMEG	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
UJUAQ4	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
ULKBXC		2						10		
UPNYG9		2						10		
								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									
URMK3J	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
UUG2PE	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
UXY6BQ	PowerPlex® Fusion								
	2						10		
UY8KFB	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
UZGM92	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
UZK3NN	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
V3KM38	GlobalFiler™								
	2						10		
								2	
V3QUAA	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
V3Z28V	Yfiler®								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
VA4BU9	PowerPlex® Y 23								
	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	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

VBHCLW	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
VCVA7L	Yfiler®, GlobalFiler™	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10	2	
VEJB3G	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
VFQVKP	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
VG3BC6	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
VGNYJR	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
VHFZJN	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
VHX7HE	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
VHZVPW	Fusion 6C	2						10		
				14	18					
VTJCFH	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	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

WKQC2	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
VXARX	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
VZHLJ	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
WA2NM3	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
WD4YNP	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
WGJ48Y	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
WHUNF9		2						10		
WJ7HXU	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
WM62VM	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
WPT26V	PowerPlex® Y 23, Fusion 6C	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	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

WPU9H6	2							10	
[Redacted]									
WRZQGZ	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
WTRQFW	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
WTU4UX	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
X3DCYZ	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
X9MLCM	2							10	
[Redacted]									
								2	
X9Z3JA	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
XGZFRP	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
XJ3FLV	2	15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
			14	18	21		10	2	
XLB2MV	2							10	
[Redacted]									
			14	18					

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

XTBKM6	2							10	
									2
XTQFVD	Yfiler®								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
XVWUMD	Yfiler®								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
XYWZ9B	Yfiler®								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
XZRVYK	2							10	
									2
Y3B3NE	PowerPlex® Y 23								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15	26	11
		12	14	18	21	12	10		
Y8P3WK	Yfiler®								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
Y9HDX9	Yfiler®								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		10		
YB3DYA	2							10	
									2
YGEBMW	Yfiler®								
2		15	14,18	14	31	22	10	11	13
		14	11	12	21	15	15		
					21		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

YJXDFM	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
YKGZCK	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
YL9ZCG	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
YPBYNU	PowerPlex® Fusion 6C	2						10		
				14	18					
YPJHZB	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
YRU3B7	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
YRVV7T	Yfiler® Plus, GlobalFiler™ (Yindel)	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			-	14	18	21	-	10	2	
YT8FMM	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
YTB3H3	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
YUXGP4	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
				14	18	21		10	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

YX3EBD	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
YYBQQU	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
YYT7AH	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
Z4L2L9	PowerPlex® Y 23	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15	26	11
			12	14	18	21	12	10		
Z6FEUZ	Yfiler® Plus	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
Z83UMF	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
Z8KF9Y	2							10		
									2	
Z9F67Z	Yfiler®	2	15	14,18	14	31	22	10	11	13
			14	11	12	21	15	15		
						21		10		
Z9FZTC	Fusion 5C half volume	2						10		
ZFH7UA	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										
ZGRMXR	PowerPlex® Fusion 6C									
	2							10		
			14	18						
ZJVU67	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
ZKQ2FB	Yfiler® Plus, GlobalFiler™									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
			14	18	21		10	2		
ZL42TR	Fusion 6C									
	2							10		
			14	18						
ZJGNK	GlobalFiler™ Express									
	2							10		
									2	
ZN74C2	Yfiler®									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		10			
ZPHV9P	PowerPlex® Fusion 6C									
	2							10		
			14	18						
ZPHZLD	PowerPlex® Y 23									
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15	26	11	
		12	14	18	21	12	10			
ZUXF8X										
	2	15	14,18	14	31	22	10	11	13	
		14	11	12	21	15	15			
					21		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	

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22B76F	3						10,11		
[Redacted]									
22VF7Q	PowerPlex® Fusion 6C						10,11		
3									
[Redacted]									
		14,16	16,18						
24KLQN	PowerPlex® Fusion 6C						10,11		
3									
[Redacted]									
		14,16	16,18						
26BWCA	Yfiler®	15,17	14,16,18	14	31	21,22	10,11	11	13
3		14	11	12	20,21	15,16	15,16		
[Redacted]									
				21			10,11		
29B4ZT	PowerPlex® Y 23	15,17	14,16,18	14	31	21,22	10,11	11	13
3		14	11	12	20,21	15,16	15,16	26	11
[Redacted]									
		10,12	14,16	16,18	21	12,13	10,11		
2E6TQX	Yfiler®	15,17	14,16,18	14	31	21,22	10,11	11	13
3		14	11	12	20,21	15,16	15,16		
[Redacted]									
				21			10,11		
2GL87R	Yfiler®	15,17	14,16,18	14	31	21,22	10,11	11	13
3		14	11	12	20,21	15,16	15,16		
[Redacted]									
				21			10,11		
2PHZG7	3						10,11		
[Redacted]									
2RP9UX	Yfiler®	15,17	14,16,18	14	31	21,22	10,11	11	13
3		14	11	12	20,21	15,16	15,16		
[Redacted]									
				21			10,11		
2VL9JT	Yfiler®	15,17	14,16,18	14	31	21,22	10,11	11	13
3		14	11	12	20,21	15,16	15,16		
[Redacted]									
				21			10,11		

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	

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34BERK									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
38EBVE	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
3CPNBR	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
3CUB4L	Fusion 6C								
	3						10,11		
			14,16	16,18					
3G3U4Z	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
3K4NXB	Yfiler®								
	3	INC	INC	INC	INC	INC	INC	INC	INC
		INC	INC	INC	INC	INC	INC		
					INC		INC		
3LQMTK	Yfiler® Plus								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
			14,16	16,18	21		10,11		
3NHJJZ	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
3TX8ZQ	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
3VH2WQ	Yfiler® Plus								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
			14,16	16,18	21		10,11	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	

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3YZQ89	3						10,11		
								2	
3ZAAXC	Yfiler®								
3		INC	INC	INC	INC	INC	INC	INC	INC
					INC		INC		
3ZW26W	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
43WZ9G	PowerPlex® Fusion 6C								
3							10,11		
			14,16	16,18					
44WZB3	Yfiler®								
3		15,[17]	14,[16],18	14	31	[21],22	10,11	11	13
		14	11	12	[20],21	15,[16]	15,[16]		
					21		10,11		
494NN4	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
4DG2BP	PowerPlex® Fusion 6C								
3							10,11		
			14,16	16,18					
4EV9YR	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
4GWYXY	y-markers from Fusion 6C kit								
3							10,11		
			14,16	16,18					
4GZNZB	Yfiler®								
3		15,[16],17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		

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	

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4JKHT6	3						10,11		
[Redacted]									
4KE9YJ	Yfiler Plus								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
			14,16	16,18	21		10,11	2	
4REK4U	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
4TTWXR	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
62DMV4	PowerPlex® Y 23								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
6A9MAW	Yfiler® Plus, PowerPlex® Y 23								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11	2	
6C7QBK	Fusion 6C								
3							10,11		
[Redacted]									
			14,16	16,18					
6GVDU7	Yfiler®								
3		INC	INC	INC	INC	INC	INC	INC	INC
		INC	INC	INC	INC	INC	INC		
					INC		INC		
6J4GUA	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
6KVL69	Fusion 5C								
3							10,11		
[Redacted]									

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	

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6LTRP9	3						10,11		
									2
6RDFBJ	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
6W6EDZ	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
6X3XQF	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
6XY3WV	GlobalFiler™								
3							10,11		
									2
6YDEQU	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
749GHZ	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
7863A4	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
79DJX2	PowerPlex® Y 23								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
79ZNYN	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		

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	

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7ARETL	PowerPlex® Y 23, PowerPlex® Fusion 6C	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
7EYJCT	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
7GQBNY	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
7P4G7N	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
7QF27K		3						10,11		
7TJWPM	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
7ZHCLM	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
7ZN4LW	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
88KQ3H	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11	2	
8AMLN7		3						10,11		

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 3 - YSTR Results										
8FVHJK	Yfiler®, GlobalFiler™									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11	2		
8JAPRY							10,11			
8JCFZ3							10,11			
	3							2		
8K8ZPM										
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
8LXGKG	PowerPlex® Fusion 6C									
	3						10,11			
			14,16	16,18						
8PC2JP	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
8T3XEB	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
8VPLRW	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
8YKJ6U	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
98EXJZ							10,11			

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	

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9BE4ZR	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
9LF3Y6	GlobalFiler™	3						10,11		
										2
9NKQGG	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
9PE4TU	Yfiler®	3						10,11		
9UA66M	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
9YKX22	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
A8DHQZ	GlobalFiler™	3						10,11		
										2
AAZVUC	GlobalFiler™	3						10,11		
										2
AB9CJV	Yfiler®	3						10,11		

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	

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ADY7RW	Yfiler®	3	15,17	14,16 [^] ,17 ^{^**} ,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
AF4YJB	Fusion 6C	3						10,11		
				14,16	16,18					
AGF7UB	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
AGWRET		3						10,11		
AGWYBU	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
AJL4CD	Yfiler®	3	15,17	[14],[16],18	14	31	21,22	10,11	11	13
			14	11	12	20,21	[15],16	15,16		
						21		10,11		
AKEKEF	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
ANVNUJ	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
ANY7WN	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		

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	

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APRRV8	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
AWZUM	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
B47FHA	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
B7VG8B	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
B87NQQ	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
B8MUX4	Yfiler®	3	INC	INC	INC	INC	INC	INC	INC	INC
			INC	INC	INC	INC	INC	INC		
						INC		INC		
B8NCUJ	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
BCJD7U	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
BDBZRB	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
BL9RXJ	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results

BNEHFE	Fusion 6C								
	3						10,11		
			14,16	16,18					
BZ8BHB	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
C43C7B	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
C863LX	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
CCBG3E									
	3						10,11		
CEKWP8	Fusion 6C								
	3						10,11		
			14,16	16,18					
CEMLRJ	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
CEMLU4	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
CFG8MV									
	3						10,11		
								2	
CK9L4P	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		

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 3 - YSTR Results

CL7PYL	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
CUDN9M		3						10,11		
										2
CV9A2E	Fusion 6C	3						10,11		
				14,16	16,18					
CWJJ2J	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
CYMUZM	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
D2BJ4Z	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		2
D786ZA	GlobalFiler™	3						10,11		
										2
D7MLWM	PowerPlex® Y 23	3	15,17	14,16,17,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
DD62CE	Yfiler® Plus, GlobalFiler™ (Yindel)	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			-	14,16	16,18	21	-	10,11		2
DDAART	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results

DJAXZK	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
DK3UMT		3						10,11		
DKJP92	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
DLDF4	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
DPJJ43	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
DQAB6U	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
DQNNJQ	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
DV4KJE	Fusion 6C	3						10,11		
				14,16	16,18					
DY6N9G	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
DYAH2H	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		

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 3 - YSTR Results

E3JELA	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11	2	
E4C9HT		3						10,11		
EEVLGP	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
EGKEM7	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
EHCREJ	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
EML3CK	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
F3DTVZ	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
F8UJGH	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
FBNJAK	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
FCHC2W	Yfiler®	3	INC	INC	INC	INC	INC	INC	INC	INC
			INC	INC	INC	INC	INC	INC		
						INC		INC		

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

FFMVEV	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
FLNAVR	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	NT	NT
			NT	NT	NT	21	NT	10,11	NT	
FMP6J4	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
FTBZK9	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
FW643E	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
FWWMCV	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
FYXWXX	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
G89ECP	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
GBKGXK	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
GCKEE9	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					

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

GDVEDM	Fusion 6C Y-Markers								
	3						10,11		
			14,16	16,18					
GKTXRC	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
GMZBDK	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
GNWLB9	Yfiler® Plus								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
			14,16	16,18	21		10,11	2	
GP7TAU	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
GPLHNL									
	3						10,11		
								2	
GTONUV3	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
GUH89Y	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
GYAEPM	Yfiler® Plus								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
			14,16	16,18	21		10,11		
H2BD7T	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		

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 3 - YSTR Results

H6XT3F	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
H9J467	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
H9VXK7	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11		
HCVEAG		3						10,11		
									2	
HE42UU		3						10,11		
									2	
HLKWC9	Fusion 6C	3						10,11		
				14,16	16,18					
HPL9PG	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
HT2M6B	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
HT3M3P	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
HW4LKA	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results										
J2RDX2	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
J6UN2B	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
J77QZA	Fusion 6C, PowerPlex®									
	3						10,11			
			14,16	16,18						
JAK3LC	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
JEZYJF	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
JGM3AK										
	3						10,11			
										2
JVFN2	PowerPlex® Y 23, Fusion 6C									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
JK6CA7										
	3	15,(17)	14,(16),18,(18)	14,(14)	31,(31)	(21),22	10,(11)	11,(11)	13,(13)	
		14,(14)	11,(11)	12,(12)	(20),21	15,(16)	15,(16)	26,(26)	11,(11)	
		(10),12	14,(16)	(16),18	21,(21)	12,(13)	10,(11)			
JKPGYC	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			

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 3 - YSTR Results

JL2M8U	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
JLCU4V	Yfiler®	3	INC	INC	INC	INC	INC	INC	INC	INC
			INC	INC	INC	INC	INC	INC		
						INC		INC		
JN69NJ	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11		
JPGKQV	GlobalFiler™	3						10,11		
										2
JPZ2TX	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
JTD4D9	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
JWDAX7	PowerPlex® Y 23	3	15,17	14,16,18	13,14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
JWZEX8	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
K2P9CK	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
K2Q88E		3						10,11		
										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 3 - YSTR Results										
K6B26E	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
K6KBQK	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
K8VJBJ	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
KAKK2L	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
KBE7UD	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
KEWTGC	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
KF88XD	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
KGH6AA	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
KGKW2P	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
KQBTCJ	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		

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 3 - YSTR Results										
KTVAG6	Yfiler® Plus									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
			14,16	16,18	21	-	10,11	2		
KU89BE	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
KU9YL3	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
KUP38H	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
KYFCGF	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
KYJRW2										
	3						10,11			
L3V67N	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
L638Q4	PowerPlex® Fusion 6C									
	3						10,11			
			14,16	16,18						
L6KT8F	PowerPlex® Y 23									
	3	15,[17]	[14],[16],18	14	31	[21],22	10,[11]	11	13	
		14	11	12	[20],21	15,[16]	15,[16]	26	11	
		[10],12	14,[16]	[16],18	21	12,[13]	10,[11]			
L8P2VE	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			

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 3 - YSTR Results

LC4Y32	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
LCJ92U	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
LD4PJH	Y markers in Fusion 6C kit	3						10,11		
				14,16	16,18					
LDDWH4	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
LDXKVT	Fusion 5C	3						10,11		
LHBNZU	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
LHTGGD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
LNE6HA	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
LNTXRH	Yfiler®	3	15,17	[14],[16],18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
LTVMLD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results

LXNNK7	PowerPlex® Fusion 6C								
	3						10,11		
			14,16	16,18					
LYGK8E									
	3						10,11		
								2	
LZ9PGD	Yfiler®								
	3	15,17	14,16,17,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
LZDV63	Fusion 6C								
	3						10,11		
			14,16	16,18					
M3D278	Fusion 6C								
	3						10,11		
			14,16	16,18					
M3EVRX	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16			
					21		10,11		
M46TL6	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
M6JBRW	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
M9YP8P	Yfiler®								
	3	INC	INC	INC	INC	INC	INC	INC	INC
		INC	INC	INC	INC	INC	INC		
					INC		INC		

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										
MJFX6W	Yfiler®	3	15,17	14,16,17^,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
MKU6QD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
MNB24P	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
MP78EU	PowerPlex® Y 23, Fusion 5C	3	15,17	14,16,18	14	31	21,22	[10],11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,[12]	14,16	16,18	21	12,[13]	10,11		
MT9GYR	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
MUGTCM	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
MUZAGA	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
MUZJL8	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
MVE2K8	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results

N6UGLC	3						10,11		
[Redacted]									
N9KCUE	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
NARVA2	PowerPlex® Y 23								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
NAUWKF	PowerPlex® Y 23								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
NBLN6K	3						10,11		
[Redacted]									
NH6PN4	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
NLYQKQ	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
NMHX39	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
NUEKLE	Yfiler®								
3		15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
NUY233	PowerPlex® Fusion 6C								
3							10,11		
[Redacted]									
			14,16	16,18					

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

NVQ33Y	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
P2Q4DD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
P37AVN	Yfiler®	3	INC	INC	INC	INC	INC	INC	INC	INC
			INC	INC	INC	INC	INC	INC		
						INC		INC		
P68DKP	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
P74NHD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
P9TJEY	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
PA7K99	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
PF79JK	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
PG9RU3	Fusion 6C	3						10,11		
				14,16	16,18					
PJVDHJ		3						10,11		

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 3 - YSTR Results

PR8V64	PowerPlex® Fusion 6C								
	3						10,11		
			14,16	16,18					
PR9PQV	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
PUU3KE	PowerPlex® Fusion 6C								
	3						10,11		
			14,16	16,18					
PWV8TT	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
PXBBKY	Yfiler® Plus								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11,11	12	20,21	15,16	15,16	26	11
			14,16	16,18	21		10,11	2	
PXCTFU	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
PYPVFU	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
Q7JTPV	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
Q8VZ2J									
	3						10,11		
								2	
QBUDK3	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		

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 3 - YSTR Results

QC93LU	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
QCQRC2	PowerPlex® Y 23, Fusion 6C	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
QD24YP	Yfiler®	3	15,17	(14),16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
QLFF6J		3						10,11		
										2
QLVZAE	PowerPlex® Fusion	3						10,11		
QU9QGY	PowerPlex® Fusion 6C	3						10,11		
				14,16	16,18					
QU9YZJ	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
QVZF8Q	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
QVZGBX	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
QZXXNR		3						10,11		

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 3 - YSTR Results									
R3EAVF	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
R64GFC	PowerPlex® Fusion 6C Y-markers								
	3						10,11		
			14,16	16,18					
R7UQ3Y									
	3						10,11		
R88ELX	PowerPlex® Y 23, Fusion 6C								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
RCNL47	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
RDFL43	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
RGD2UY	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
RL9WDX	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
RLBFNF	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
RX47Z7	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		

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	

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T3TZDX	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
TL6RDE		3					10,11			
TLNDAC		3					10,11			
TNYBNT	GlobalFiler™	3					10,11			2
TQLXCA	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
TTPUGB	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
TTRDMM	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
U2WPFA	PowerPlex® Y 23	3	[15],17	[14],[16],18	14	31	21,[22]	[10],11	11	13
			14	11	12	20,[21]	15,[16]	15,[16]	26	11
			[10],12	14,[16]	[16],18	21	[12],13	[10],11		
U3PX66	GlobalFiler™	3					10,11			2
U7MCRV	PowerPlex® Fusion 6C	3					10,11			
			14,16	16,18						

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

UBMZFA	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
UBPZP6	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
UCW6TY	Fusion 6C	3						10,11		
				14,16	16,18					
UFR9Q7	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
UFZ78X	Fusion 6C	3						10,11		
				14,16	16,18					
UHRMVE	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
UJFMEG	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
UJUAQ4	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
ULKBXC		3						10,11		
URMK3J	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		

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 3 - YSTR Results

UUG2PE	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
UY8KFB	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
UZGM92	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
UZK3NN	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
V3KM38	GlobalFiler™	3						10,11		
									2	
V3QUAA	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
V3Z28V	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
VA4BU9	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
VBHCLW	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
VCVA7L	Yfiler®, GlobalFiler™	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11	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 3 - YSTR Results									
VEJB3G	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
VG3BC6	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
VGNYJR	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
VHFZJN	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
VHX7HE	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
VHZVPW	Fusion 6C								
	3						10,11		
			14,16	16,18					
VTJCFH	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
VWKQC2	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		
VXARXX	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
VZHLJ	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
					21		10,11		

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 3 - YSTR Results										
WA2NM3	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
WD4YNP	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			
WGJ48Y	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
WHUNF9										
	3						10,11			
WJ7HXU	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
WPT26V	PowerPlex® Y 23, Fusion 6C									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
WPU9H6										
	3						10,11			
WRZQGZ	PowerPlex® Y 23									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
WTRQFW	PowerPlex® Y 23									
	3	15,17	[14],[16],18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16	26	11	
		10,12	14,16	16,18	21	12,13	10,11			
WTU4UX	Yfiler®									
	3	15,17	14,16,18	14	31	21,22	10,11	11	13	
		14	11	12	20,21	15,16	15,16			
					21		10,11			

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 3 - YSTR Results

X3DCYZ	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
X9MLCM	GlobalFiler™	3						10,11		
										2
X9Z3JA	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
XGZFRP	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
XJ3FLV	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11		2
XLB2MV	Fusion 6C	3						10,11		
				14,16	16,18					
XTBKM6		3						10,11		
										2
XTQFVD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
XVWUMD	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
XYWZ9B	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results

XZRVYK									
	3						10,11		
								2	
Y3B3NE	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
Y8P3WK	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
				21		10,11			
Y9HDX9	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
				21		10,11			
YB3DYA									
	3						10,11		
								2	
YGEBMW	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
				21		10,11			
YJXDFM	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
YKGZCK	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
				21		10,11			
YL9ZCG	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
YPBYNU	Fusion 6C (PowerPlex®)								
	3						10,11		
			14,16	16,18					

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

YPJHZB	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
YRU3B7	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
YRVV7T	Yfiler® Plus, GlobalFiler™ (Yindel)	3	15,17	14,[16],18	14	31	21,22	10,[11]	11	13
			14	11	12	[20],21	15,[16]	15,[16]	26	11
			-	14,16	16,18	21	-	10,[11]	2	
YT8FMM	Yfiler®	3	15,[17]	14,[16],[17^ ,18	14	[30^],31	21,22	10,[11]	11	13
			14	11	12	[20],21	15,[16]	15,[16]		
						21		10,[11]		
YTB3H3	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
YUXGP4	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11		
YX3EBD	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
YYBQQU	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
YYT7AH	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		

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 3 - YSTR Results

Z4L2L9	PowerPlex® Y 23	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
			10,12	14,16	16,18	21	12,13	10,11		
Z6FEUZ	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
Z83UMF	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
Z8KF9Y		3						10,11		
									2	
Z9F67Z	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
Z9FZTC	Fusion 5C	3						10,11		
ZFH7UA		3						10,11		
ZJVU67	Yfiler®	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16		
						21		10,11		
ZKQ2FB	Yfiler® Plus	3	15,17	14,16,18	14	31	21,22	10,11	11	13
			14	11	12	20,21	15,16	15,16	26	11
				14,16	16,18	21		10,11		
ZL42TR	Fusion 6C	3						10,11		
				14,16	16,18					

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

ZJGNK	GlobalFiler™								
	3							10,11	
								2	
ZN74C2	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
						21	10,11		
ZPHV9P	PowerPlex® Fusion 6C								
	3							10,11	
		14,16		16,18					
ZPHZLD	PowerPlex® Y 23								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16	26	11
		10,12	14,16	16,18	21	12,13	10,11		
ZUXF8X	Yfiler®								
	3	15,17	14,16,18	14	31	21,22	10,11	11	13
		14	11	12	20,21	15,16	15,16		
						21	10,11		

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 4 - YSTR Results

AGWYBU	Yfiler®	4								
		[REDACTED]								
ANVNUJ	PowerPlex® Y 23	4								
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
B7VG8B	Yfiler®	4								
		NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR			
D2BJ4Z	Yfiler®	4								
		[REDACTED]								
DD62CE	GlobalFiler™	4								
		-	-	-	-	-	NR	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	NR	-	-
DQAB6U	Yfiler®	4								
		[REDACTED]								
DQNNJQ	Yfiler®	4								
		[REDACTED]								
DV4KJE	Fusion 6C	4								
		[REDACTED]								
EEVLGP	Yfiler®	4								
		[REDACTED]								
FLNAVR	Yfiler®	4								
		NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT	NT
		NT	NT	NT	NR	NT	NR	NT		

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 4 - YSTR Results

FTBZK9	PowerPlex® Fusion 6C	4								
GMZBDK	Yfiler®	4								
GNWLB9	Yfiler® Plus	4								
GP7TAU	Yfiler®	4	15,17			INC			INC	
			INC	INC	21		15	INC		
HLKWC9	Fusion 6C	4								
HT3M3P	Yfiler®	4								
JPGKQV	GlobalFiler™	4					NR			
								NR		
K2P9CK	PowerPlex® Fusion 6C	4								
K6KBQK	Yfiler®	4								
KUP38H	Yfiler®	4								

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	

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L8P2VE	Yfiler®								
	4								
LNTXRH	Yfiler®								
	4								
M3D278	Fusion 6C								
	4								
NLYQKQ	Yfiler®								
	4								
NUEKLE	Yfiler®								
	4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results		
				No Results		No Results			
P74NHD	Yfiler®								
	4								
PUU3KE	PowerPlex® Fusion 6C								
	4								
PWV8TT	Yfiler®								
	4								
QC93LU	Yfiler®								
	4								
QU9QGY	PowerPlex® Fusion 6C								
	4								

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 4 - YSTR Results

TTRDMM	Yfiler®								
	4								
UFR9Q7	Yfiler®								
	4								
UFZ78X	Fusion 6C								
	4								
UZK3NN	Yfiler®								
	4								
VCVA7L	Yfiler®								
	4								
VXARXX	PowerPlex® Y 23	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
WPT26V	Fusion 6C								
	4								
							NR		
			NR	NR					
WTRQFW	PowerPlex® Y 23								
	4								
YPBYNU	PowerPlex® Fusion 6C								
	4								
YRU3B7	Yfiler®								
	4								

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 4 - YSTR Results

YRVV7T	GlobalFiler™	4	-	-	-	-	-	NR	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	NR	

ZJVU67	Yfiler®	4								

Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D12S391	CH3NLM	19,22	18,22	18,22,25	19,22
D6S1043	3ZW26W	11,19	11,19	11,12,19	11,19
	4GWEDX	11,19	11,19	11,12,19	11,19
	4NUHA3	11,19	11,19	11,12,19	11,19
	6A9MAW	11,19	11,19	11,12,19	11,19
	AAGJZQ	11,19	11,19	11,12,19	11,19
	CH3NLM	11,19	11,19	11,12,19	11,19
	CPKZYN	11,19	11,19	11,12,19	11,19
	ETXJWM	11,19	11,19	11,12,19	11,19
	HV8XRJ	11,19	11,19	11,12,19	11,19
	MGEW3E	11,19	11,19	11,12,19	11,19
	MKU6QD	11,19	11,19	11,12,19	11,19
	YL9ZCG	11,19	11,19	11,12,19	11,19
	DYF387S1	3VH2WQ		38,40	38,39,40
6A9MAW			38,40	38,39,40	
88KQ3H			38,40	38,39,40	
DD62CE		-	38,40	38,39,40	-
E3JELA			38,40	38,39,40	
GNWLB9			38,40	38,39,40	
GVAEPM			38,40	38,39,40	
H9VXK7			38,40	38,39,40	
JN69NJ			38,40	38,39,40	
KTVAG6		-	38,40	38,39,40	-
XJ3FLV			38,40	38,39,40	
YRW7T		-	38,40	38,[39],[40]	-
YUXGP4			38,40	38,39,40	
Z6FEUZ			38,40	38,39,40	
ZKQ2FB			38,40	38,39,40	
DYS391		3DHUZD		10	
	4W7U6E		10		
	79DJX2		10	10,11	
	7ATNUD		10		
	7GQBNY		10	10,11	
	7QF27K		10		
	B2Y886		10		

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
DYS391 cont'd	DYAH2H		10		
	GP7TAU		10	10,11	
	H6XT3F		10		
	JN69NJ		10		
	KAKK2L		10	10,11	
	KYJRW2		10	10,11	
	PJVDHJ		10	10,11	
	R64GFC		10	10,11	
	RAUZBE		10		
	RX47Z7		10		
	UHRMVE		10	10,11	
	VHX7HE		10	10,11	
	WHUNF9		10	10,11	
	WM62VM		10		
	DYS391 (FUSION)	62DMV4		10	10,11
L3V67N				10,11	
DYS391 (GLOBALFILER) DYS449	Z6FEUZ		10		
	3VH2WQ		33	33	
	4KE9YJ	NR	33	33	NR
	6A9MAW		33	33	
	88KQ3H		33	33	
	DD62CE	-	33	33	-
	E3JELA		33	33	
	GNWLB9		33	33	
	GYAEPM		33	33	
	H9VXK7		33	33	
	JN69NJ		33	33	
	KTVAG6	-	33	[32],33	-
	PXBBKY		33	33	
	XJ3FLV		33	33	
	YRVV7T	-	33	33	-
	YUXGP4		33	33	
	Z6FEUZ		33	33	
	ZKQ2FB		33	33	
DYS460	3VH2WQ		11	11	
	4KE9YJ	NR	11	11	NR

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
DYS460 cont'd	6A9MAW		11	11	
	88KQ3H		11	11	
	DD62CE	-	11	11	-
	E3JELA		11	11	
	GNWLB9		11	11	
	GYAEPM		11	11	
	H9VXK7		11	11	
	JN69NJ		11	11	
	KTVAG6	-	11	11	-
	PXBBKY		11	11	
	XJ3FLV		11	11	
	YRVV7T	-	11	11	-
	YUXGP4		11	11	
	Z6FEUZ		11	11	
	ZKQ2FB		11	11	
	DYS481	Z6FEUZ		26	26
DYS518	3VH2WQ		37	37,40	
	4KE9YJ	NR	37	37,40	NR
	6A9MAW		37	37,40	
	88KQ3H		37	37,40	
	DD62CE	-	37	37, 40	-
	E3JELA		37	37,40	
	GNWLB9		37	37,40	
	GYAEPM		37	37,40	
	H9VXK7		37	37,40	
	JN69NJ		37	37,40	
	KTVAG6	-	37	37,40	-
	PXBBKY		37	37,40	
	XJ3FLV		37	37,40	
	YRVV7T	-	37	37,[40]	-
	YUXGP4		37	37,40	
	Z6FEUZ		37	37,40	
ZKQ2FB		37	37,40		
DYS533	Z6FEUZ		11	11	
DYS570	R64GFC		14	14,16	
	Z6FEUZ		14	14,16	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
DYS576	R64GFC		18	16,18	
	Z6FEUZ		18	16,18	
DYS627	3VH2WQ		19	19,21	
	4KE9YJ	NR	19	19,21	NR
	6A9MAW		19	19,21	
	88KQ3H		19	19,21	
	DD62CE	-	19	19,21	-
	E3JELA		19	19,21	
	GNWLB9		19	19,21	
	GYAEPM		19	19,21	
	H9VXK7		19	19,21	
	JN69NJ		19	19,21	
	PXBBKY		19	19,21	
	XJ3FLV		19	19,21	
	YRVV7T	-	19	19,21	-
	YUXGP4		19	19,21	
	Z6FEUZ		19	19,21	
	ZKQ2FB		19	19,21	
F13A01	6A9MAW	5,7	3,2,7	3,2,4,7	5,7
F13B	6A9MAW	8,9	6,9	6,7,9	8,9
FESFPS	6A9MAW	10,11	10,13	8,10,11,13	10,11
LPL	6A9MAW	10,10	11,11	7,10,11	10,10
PENTA C	6A9MAW	10,11	8,12	8,9,12	10,11
Y INDEL	3DHUZD		2		
	4W7U6E		2		
	7ATNUD		2		
	FWWMCV		2	2	
	JN69NJ		2		
	M6YEFW		2		
	VHX7HE		2	2	
	WM62VM		2		
Y INDEL (GLOBALFILER)	Z6FEUZ		2		

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16357.0	16519.0
ITEM 1		
3K4NXB	C	
3ZAAXC	C	
6GVDU7	C	
6MHZTH	C	C
6X3XQF	C	
8PEJP2	C	
8T3XEB	C	
9L9KN8	C	C
B8MUX4	C	
DKJP92	C	
FCHC2W	C	
FLNAVR	C	
FYXWXX	C	
H9W8LY	C	C
JK6CA7	C	
JLCU4V	C	
JTD4D9	C	
M9YP8P	C	
N3PM6U	C	
P37AVN	C	
PF79JK	C	
PWV8TT	C	C
QDZ2ZR	C	C
Y44X8G	C	C
YL9ZCG	C	C
YPJHZB	C	

Mitochondrial DNA - HVRI Results

TABLE 5b - ITEM 2

Polymorphisms from Reference Sequence

	16129.0	16148.0	16168.0	16172.0	16187.0	16188.0	16189.0	16223.0	16230.0	16278.0	16311.0	16320.0	16519.0
ITEM 2													
3K4NXB	A	T	T	C	T	G	C	T	G	T	C	T	
3ZAAXC	A	T	T	C	T	G	C	T	G	T	C	T	
6GVDU7	A	T	T	C	T	G	C	T	G	T	C	T	
6MHZTH	A	T	T	C	T	G	C	T	G	T	C	T	C
6X3XQF	A	T	T	C	T	G	C	T	G	T	C	T	
8PEJP2	A	T	T	C	T	G	C	T	G	T	C	T	
8T3XEB	A	T	T	C	T	G	C	T	G	T	C	T	
9L9KN8	A	T	T	C	T	G	C	T	G	T	C	T	C
B8MUX4	A	T	T	C	T	G	C	T	G	T	C	T	
DKJP92	A	T	T	C	T	G	C	T	G	T	C	T	
FCHC2W	A	T	T	C	T	G	C	T	G	T	C	T	
FLNAVR	A	T	T	C	T	G	C	T	G	T	C	T	
FYXWXX	A	T	T	C	T	G	C	T	G	T	C	T	
H9W8LY	A	T	T	C	T	G	C	T	G	T	C	T	C
JK6CA7	A	T	T	C	T	G	C	T	G	T	C	T	
JLCU4V	A	T	T	C	T	G	C	T	G	T	C	T	
JTD4D9	A	T	T	C	T	G	C	T	G	T	C	T	
M9YP8P	A	T	T	C	T	G	C	T	G	T	C	T	
N3PM6U	A	T	T	C	T	G	C	T	G	T	C	T	
P37AVN	A	T	T	C	T	G	C	T	G	T	C	T	
PF79JK	A	T	T	C	T	G	C	T	G	T	C	T	
PWV8TT	A	T	T	C	T	G	C	T	G	T	C	T	C
QDZ2ZR	A	T	T	C	T	G	C	T	G	T	C	T	C
Y44X8G	A	T	T	C	T	G	C	T	G	T	C	T	C
YL9ZCG	A	T	T	C	T	G	C	T	G	T	C	T	C
YPJHZB	A	T	T	C	T	G	C	T	G	T	C	T	

Mitochondrial DNA - HVRI Results

TABLE 5c - ITEM 3

Polymorphisms from Reference Sequence

No mitochondrial DNA results were recieved for Item 3

Mitochondrial DNA - HVRI Results

TABLE 5d - ITEM 4

Polymorphisms from Anderson Reference

	16357.0	16519.0
ITEM 4		
3K4NXB	C	
3ZAAXC	C	
6GVDU7	C	
6X3XQF	C	
8PEJP2	C	
8T3XEB	C	
9L9KN8	C	
B8MUX4	C	
DKJP92	C	
FCHC2W	C	
FLNAVR	C	
H9W8LY	C	
JK6CA7	C	
JLCU4V	C	
JTD4D9	C	
M9YP8P	C	
N3PM6U	C	
P37AVN	C	
PF79JK	C	
PWV8TT	C	
QDZ2ZR	C	
Y44X8G	C	
YL9ZCG	C	C
YPJHVB	C	

Mitochondrial DNA - HVRI Results

TABLE 5e

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3K4NXB	16001-16386	16001-16386		16001-16386
3ZAAXC	16000-16386	16000-16386		16000-16386
6GVDU7	16000-16386	16000-16386		16024-16386
6MHZTH	16000-16569	16000-16569		
6X3XQF	16006-16386	16006-16390		16000-16390
8PEJP2	15994-16400	15994-16400		15994-16400
8T3XEB	16024-16391	16024-16391	Inconclusive	16024-16391
9L9KN8	16001-16569	16001-16569		16001-16371
B8MUX4	16000-16386	16000-16386		16000-16386
DKJP92	15998-16390	15998-16390		16000-16385
FCHC2W	16011-16387	16005-16387		16002-16387
FLNAVR	15994-16400	15994-16400		15994-16400
FYXWXX	16019-16374	16019-16374		
H9W8LY	16001-16569	16001-16569		16001-16387
JK6CA7	16024-16365	16024-16365		16024-16365
JLCU4V	16001-16386	16019-16387		16005-16386
JTD4D9	16004-16418	16004-16418		16004-16418
M9YP8P	16002-16386	16000-16386		16000-16386
N3PM6U	16024-16391	16024-16391	Inconclusive	16024-16389
P37AVN	16001-16386	16000-16386		15998-16390
PF79JK	16001-16386	16001-16386		16000-16386
PWV8TT	16024-16569	16024-16569	Inconclusive	16024-16391
QDZ2ZR	16024-16569	16024-16569	Inconclusive	16024-16391
Y44X8G	16001-16569	15998-16569		16001-16367
YL9ZCG	16021-16569	16021-16569		16021-16569
YPJHZB	15998-16390	15998-16390		15998-16390

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	263.0	309.1	315.1	549.0
ITEM 1				
3K4NXB	G	C	C	
3ZAAXC	G	C	C	
6GVDU7	G	C	C	
6MHZTH	G	C INS	C INS	
6X3XQF	G	C	C	
8PEJP2	G	C	C	
8T3XEB	G	C INS	C INS	
9L9KN8	G	C	C	
B8MUX4	G	C	C	
DKJP92	G	C INS	C INS	
FCHC2W	G	C	C	
FLNAVR	G	C	C	
FYXWXX	G	C	C	
H9W8LY	G	C	C	
JK6CA7	G	C	C	
JLCU4V	G	C	C	
JTD4D9	G	C	C	
M9YP8P	G	C	C	
N3PM6U	G	C INS	C INS	
P37AVN	G	C	C	
PF79JK	G	C	C	
PWV8TT	G	C INS	C INS	
QDZ2ZR	G	C INS	C INS	N
Y44X8G	G	C	C	
YL9ZCG	G	C	C	
YPJHZB	G	C	C	

Mitochondrial DNA - HVRII Results

TABLE 6b - ITEM 2

Polymorphisms from Reference Sequence

	50.0	51.0	93.0	95.0	185.0	189.0	236.0	247.0	263.0	309.1	309.2	315.1	523.0	524.0	548.0	549.0	550.0
ITEM 2																	
3K4NXB			G	C	A	G	C	A	G	C	C	C					
3ZAAXC			G	C	A	G	C	A	G	C	C	C					
6GVDU7			G	C	A	G	C	A	G	C	C	C					
6MHZTH			G	C	A	G	C	A	G	C INS	C INS	C INS					
6X3XQF			G	C	A	G	C	A	G	C	C	C					
8PEJP2			G	C	A	G	C	A	G	C	C	C					
8T3XEB	N	N	G	C	A	G	C	A	G	C INS	C INS	C INS					
9L9KN8			G	C	A	G	C	A	G	C	C	C	D	D			
B8MUX4			G	C	A	G	C	A	G	C	C	C					
DKJP92			G	C	A	G	C	A	G	C INS	C INS	C INS					
FCHC2W			G	C	A	G	C	A	G	C	C	C					
FLNAVR			G	C	A	G	C	A	G	C	C	C					
FYXWXX			G	C	A	G	C	A	G	C	C	C					
H9W8LY			G	C	A	G	C	A	G	C	C	C	D	D			
JK6CA7			G	C	A	G	C	A	G	C	C	C					
JLCU4V			G	C	A	G	C	A	G	C	C	C					
JTD4D9			G	C	A	G	C	A	G	C	C	C					
M9YP8P			G	C	A	G	C	A	G	C	C	C					
N3PM6U			G	C	A	G	C	A	G	C INS	C INS	C INS					
P37AVN			G	C	A	G	C	A	G	C	C	C					
PF79JK			G	C	A	G	C	A	G	C	C	C					
PWV8TT			G	C	A	G	C	A	G	C INS	C INS	C INS	A DEL	C DEL			
QDZ2ZR			G	C	A	G	C	A	G	C INS	C INS	C INS	-	-	N	N	N
Y44X8G			G	C	A	G	C	A	G	C	C	C	D	D			
YL9ZCG			G	C	A	G	C	A	G	C	C	C	DEL	DEL			
YPJHZB			G	C	A	G	C	A	G	C	C	C					

Mitochondrial DNA - HVRII Results

TABLE 6c - ITEM 3

Polymorphisms from Reference Sequence

No mitochondrial DNA results were recieved for Item 3

Mitochondrial DNA - HVRII Results

TABLE 6d - ITEM 4

Polymorphisms from Anderson Reference

	263.0	309.1	315.1
ITEM 4			
3K4NXB	C	C	C
3ZAAXC	G	C	C
6GVDU7	G	C	C
6X3XQF	G	C	C
8PEJP2	G	C	C
8T3XEB	G	C INS	C INS
9L9KN8	G	C	C
B8MUX4	G	C	C
DKJP92	G	C INS	C INS
FCHC2W	G	C	C
FLNAVR	G	C	C
H9W8LY	G	C	C
JK6CA7	G	C	C
JLCU4V	G	C	C
JTD4D9	G	C	C
M9YP8P	G	C	C
N3PM6U	G	C INS	C INS
P37AVN	G	C	C
PF79JK	G	C	C
PWV8TT	G	C INS	C INS
QDZ2ZR	G	C INS	C INS
Y44X8G	G	C	C
YL9ZCG	G	C	C
YPJHZB	G	C	C

Mitochondrial DNA - HVRII Results

TABLE 6e

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3K4NXB	52-399	52-383		52-399
3ZAAXC	52-399	52-385		73-382
6GVDU7	51-399	51-399		51-399
6MHZTH	1-390	1-390		
6X3XQF	50-401	56-401		50-405
8PEJP2	35-409	35-409		35-409
8T3XEB	43-464	43-448	Inconclusive	35-464
9L9KN8	1-530	1-530		39-368
B8MUX4	51-399	51-399		51-399
DKJP92	52-399	52-399		51-399
FCHC2W	52-399	52-399		66-384
FLNAVR	35-409	35-409		35-409
FYXWXX	61-385	61-385		
H9W8LY	1-530	1-530		39-368
JK6CA7	73-340	73-340		73-340
JLCU4V	59-399	52-399		52-399
JTD4D9	26-420	39-397		39-420
M9YP8P	51-400	51-400		51-400
N3PM6U	41-464	39-464	Inconclusive	39-367
P37AVN	52-399	73-384		52-399
PF79JK	92-399	51-399		52-399
PWV8TT	1-576	1-576	Inconclusive	47-451
QDZ2ZR	1-571	1-563	Inconclusive	39-369
Y44X8G	1-530	1-530		50-361
YL9ZCG	1-600	1-600		1-600
YPJHZB	51-399	51-399		52-399

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
22B76F	No	Yes	Yes	No	3NHJZ	No	Yes	Yes	No
22RX4L	No	Yes	Yes	No	3TCHR4	No	Yes	Yes	No
22VF7Q	No	Yes	Yes	No	3TW84W	No	Yes	Yes	No
24KLQN	No	Yes	Yes	No	3TX8ZQ	No	Yes	Yes	No
26BWCA	No	Yes	Yes	No	3VH2WQ	No	Yes	Yes	No
29B4ZT	No	Yes	Yes	No	3VZH2D	No	Yes	Yes	No
2E6TQX	No	Yes	Yes	No	3YZQ89	No	Yes	Yes	No
2GL87R	No	Yes	Yes	No	3ZAAXC		Yes		No
2MX7NC	No	Yes	Yes	No	3ZW26W	No	Yes	Yes	No
2PHZG7	No	Yes	Yes	No	43WZ9G	No	Yes	Yes	No
2RP9UX	No	Yes	Yes	No	44WZB3	No	Yes	Yes	No
2VL9JT	No	Yes	Yes	No	47D2XE	No	Yes	Yes	No
2Y6N3D	No	Yes	Yes	No	494NN4	No	Yes	Yes	No
34BERK	No	Yes	Yes	No	49PZPX	No	Yes	Yes	No
37YD2T	No	Yes	Yes	No	4BWRNJ	No	Yes	Yes	No
38EBVE	No	Yes	Yes	No	4DG2BP	No	Yes	Yes	No
39QH83	No	Yes	Yes	No	4EV9YR	No	Yes	Yes	No
3CPNBR	No	Yes	Yes	No	4GWEDX	No	Yes	Yes	No
3CUB4L	No	Yes	Yes	No	4GWYXY	No	Yes	Yes	No
3DHUZD	No Interpretations Reported, DNA Analyzed for Database purposes only.				4GZNZB	No	Yes	Yes	No
3G3U4Z	No	Yes	Yes	No	4JKHT6	No	Yes	Yes	No
3GJRFC	No	Yes	Yes	No	4KDDC8	No	Yes	Yes	No
3K4NXB	No Interpretations Reported, DNA Analyzed for Database purposes only.				4KE9YJ	No	Yes	Yes	No
3KYMUN	No	Yes	Yes	No	4MKNCG	No	Yes	Yes	No
3LCL2X	No	Yes	Yes	No	4NUHA3	No	Yes	Yes	No
3LQMTK	No	Yes	Yes	No	4Q9ZFT	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
4QKADD	No	Yes	Yes	No	74F3L8	No	Yes	Yes	No
4RB3WH	No Interpretations Reported, DNA Analyzed for Database purposes only.				7863A4	No	Yes	Yes	No
4REK4U	No	Yes	Yes	No	79DJX2	No	Yes	Yes	No
4TTWXR	No	Yes	Yes	No	79ZNYN	No	Yes	Yes	No
4W7U6E	No Interpretations Reported, DNA Analyzed for Database purposes only.				7ARETL	No	Yes	Yes	No
62DMV4	No	Yes	Yes	No	7ATNUD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
62H8H8	No	Yes	Yes	No	7EYJCT	No	Yes	Yes	No
69YN3U	No	Yes	Yes	No	7G8PV9	No	Yes	Yes	No
6A9MAW	No	Yes	Yes	No	7G8ZZ6	No	Yes	Yes	No
6AD3NH	No	Yes	Yes	No	7GQBNY	No	Yes	Yes	No
6C7QBK	No	Yes	Yes	No	7HLWGP	No	Yes	Yes	No
6CYCQA	No	Yes	Yes	No	7JWUU8	No	Yes	Yes	No
6FFCTP	No	Yes	Yes	No	7P4G7N	No	Yes	Yes	No
6GVDU7		Yes		No	7QF27K	No	Yes	Yes	No
6GW9GJ	No	Yes	Yes	No	7TJWPM	No	Yes	Yes	No
6J4GUA	No	Yes	Yes	No	7ZHCLM	No	Yes	Yes	No
6KVL69	No	Yes	Yes	No	7ZN4LW	No	Yes	Yes	No
6LTRP9	No	Yes	Yes	No	876NXU	No	Yes	Yes	No
6MHZTH	No Interpretations Reported, DNA Analyzed for Database purposes only.				88KQ3H	No	Yes	Yes	No
6RDFBJ	No	Yes	Yes	No	89TZUE	No	Yes	Yes	No
6VYPFX	No	Yes	Yes	No	8AMLN7	No	Yes	Yes	No
6W6EDZ	No	Yes	Yes	No	8CTDCD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6X3XQF	No	Yes	Yes	No	8DQHBF	No	Yes	Yes	No
6XX8AJ	No	Yes	Yes	No	8E3LWC	No	Yes	Yes	No
6XY3WV	No	Yes	Yes	No	8FVHJK	No	Yes	Inc	No
6YDEQU	No	Yes	Yes	No	8JAPRY	No	Yes	Yes	No
6YE7MG	No Interpretations Reported, DNA Analyzed for Database purposes only.				8JCFZ3	No	Yes	Yes	No
749GHZ	No	Yes	Yes	No	8K8ZPM	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
8LWLYP	No Interpretations Reported, DNA Analyzed for Database purposes only.				9UA66M	No	Yes	Yes	No
8LXGKG	No	Yes	Yes	No	9YKX22	No	Yes	Yes	No
8PC2JP	No	Yes	Yes	No	A3FW44	No	Yes	Yes	No
8PDTEC	No Interpretations Reported, DNA Analyzed for Database purposes only.				A8DHQZ	No	Yes	Yes	No
8PEJP2	No	Yes	Yes	No	AAGJZQ	No	Yes	Yes	No
8R3PUB	No	Yes	Yes	No	AAZVUC	No	Yes	Yes	No
8T3XEB	No	Yes	Yes	No	AB9CJV	No	Yes	Yes	No
8TJHC9	No	Yes	Yes	No	ADY7RW	No	Yes	Yes	No
8VPLRW	No	Yes	Yes	No	AF4YJB	No	Yes	Yes	No
8WJXHB	No	Yes	Yes	No	AGF7UB	No	Yes	Yes	No
8YKJ6U	No	Yes	Yes	No	AGWRET	No	Yes	Yes	No
92TZXX	No	Yes	Yes	No	AGWYBU	No	Yes	Yes	No
93MNFU	No	Yes	Yes	No	AJL4CD	No	Yes	Yes	No
94XQ2R	No	Yes	Yes	No	AKEKEF	No	Yes	Yes	No
966T36	No	Yes	Yes	No	ANVNUJ	No	Yes	Yes	No
97GRYZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				ANY7WN	No	Yes	Yes	No
98EXJZ	No	Yes	Yes	No	APDZRA	No	Yes	Yes	No
9998KA	No	Yes	Yes	No	APRRV8	No	Yes	Yes	No
9BE4ZR	No	Yes	Yes	No	AWZUM	No	Yes	Yes	No
9CLLYM	No	Yes	Yes	No	B2Y886	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9GFNYF	No	Yes	Yes	No	B3VAPY	No	Yes	Yes	No
9GMVJH	No	Yes	Yes	No	B47FHA	No	Yes	Yes	No
9JLYYQ	No	Yes	Yes	No	B7VG8B	No	Yes	Yes	No
9K4RXE	No	Yes	Yes	No	B87NQQ	No	Yes	Yes	No
9L9KN8		Yes		No	B8MUX4		Yes		No
9LF3Y6	No	Yes	Yes	No	B8NCUJ	No	Yes	Yes	No
9NKQGG	No	Yes	Yes	No	BCJD7U	No	Yes	Yes	No
9PE4TU	No	Yes	Yes	No	BDBZRB	No	Yes	Yes	No
					BL9RXJ	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
BNEHFE	No	Yes	Yes	No	D2BJ4Z	No	Yes	Yes	No
BQY6XL	No	Yes	Yes	No	D786ZA	No	Yes	Yes	No
BUGRM8	No	Yes	Yes	No	D7MLWM	No	Yes	Yes	No
BWRUBR	No	Yes	Yes	No	DBJ7YL	No	Yes	Yes	No
BZ8BHB	No	Yes	Yes	No	DCDYU6	No	Yes	Yes	No
BZPP2Y	No	Yes	Yes	No	DD62CE	No	Yes	Yes	No
C43C7B	No	Yes	Yes	No	DDAART	No	Yes	Yes	No
C7RN3V	No	Yes	Yes	No	DJAXZK	No	Yes	Yes	No
C863LX	No	Yes	Yes	No	DK3UMT	No	Yes	Yes	No
CCBG3E	Inc	Yes	Inc	No	DKJP92	No	Yes	Yes	No
CD9RZ3	No	Yes	Yes	No	DKRMQR	No	Yes	Yes	No
CDCQ7R	No	Yes	Yes	No	DLDF4	No	Yes	Yes	No
CEKWP8	No	Yes	Yes	No	DPJJ43	No	Yes	Yes	No
CEMLRJ	No	Yes	Yes	No	DQAB6U	No	Yes	Yes	No
CEMLU4	No	Yes	Yes	No	DQNNJQ	No	Yes	Yes	No
CFG8MV	No	Yes	Yes	No	DQQGFD	No	Yes	Yes	No
CH3NLM	No	Yes	Yes	No	DQXDX4	No	Yes	Yes	No
CK9L4P	No	Yes	Yes	No	DV4KJE	No	Yes	Yes	No
CL7PYL	No	Yes	Yes	No	DWGN3T	No	Yes	Yes	No
CPKZYN	No	Yes	Yes	No	DXTHMY	No	Yes	Yes	No
CRB23Q	No	Yes	Yes	No	DY6N9G	No	Yes	Yes	No
CRRMN9	No	Yes	Yes	No	DY6ZYD	No	Yes	Yes	No
CUDN9M	No	Yes	Yes	No	DYAH2H	No	Yes	Yes	No
CUEJYV	No	Yes	Yes	No	DZFPXZ	No	Yes	Yes	No
CV9A2E	No	Yes	Yes	No	E3JELA	No	Yes	Yes	No
CVB2TU	No	Yes	Yes	No	E4C9HT	No	Yes	Yes	No
CWJJ2J	No	Yes	Yes	No	E9BF8W	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CXT98V	No Interpretations Reported, DNA Analyzed for Database purposes only.				ECP4HT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CYMUZM	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
EEVLGP	No	Yes	Yes	No	FZCAQZ	No	Yes	Yes	No
EFLDJZ	No	Yes	Yes	No	G89ECP	No	Yes	Yes	No
EGKEM7	No	Yes	Yes	No	GBKGXK	No	Yes	Yes	No
EGN48Q	No	Yes	Yes	No	GCKEE9	No	Yes	Yes	No
EHCRES	No	Yes	Yes	No	GCLK3A	No	Yes	Yes	No
EML3CK	No	Yes	Yes	No	GDVEDM	No	Yes	Yes	No
EQB89X	No	Yes	Yes	No	GH3UY6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
ETF3QF	No	Yes	Yes	No	GKTXRC	No	Yes	Yes	No
ETXJWM	No	Yes	Yes	No	GMZBDK	No	Yes	Yes	No
EUALWN	No	Yes	Yes	No	GNE76Y	No	Yes	Yes	No
EWVZ8W	No	Yes	Yes	No	GNWLB9	No	Yes	Yes	No
F3DTVZ	No	Yes	Yes	No	GP7TAU	No	Yes	Yes	No
F8UJGH	No	Yes	Yes	No	GPLHNL	No	Yes	Yes	No
F92XL4	No Interpretations Reported, DNA Analyzed for Database purposes only.				GRWVG4	No	Yes	Yes	No
F9MH82	No Interpretations Reported, DNA Analyzed for Database purposes only.				GTNUV3	No	Yes	Yes	No
FAFEUB	No	Yes	Yes	No	GUH89Y	No	Yes	Yes	No
FBNJAK	No	Yes	Yes	No	GWLZ3X	No	Yes	Yes	No
FCHC2W		Yes		No	GWQUVY	No	Yes	Yes	No
FFHLCY	No	Yes	Yes	No	GXJBWF	No	Yes	Yes	No
FFMVEW	No	Yes	Yes	No	GXVG8H	No	Yes	Yes	No
FLNAVR	No	Yes	Yes	No	GYAEPM	No	Yes	Yes	No
FMP6J4	No	Yes	Yes	No	H2BD7T	No	Yes	Yes	No
FNG7HZ	No	Yes	Yes	No	H4M6LN	No	Yes	Yes	No
FRAA3R	No Interpretations Reported, DNA Analyzed for Database purposes only.				H6XT3F	No	Yes	Yes	No
FTBZK9	No	Yes	Yes	No	H7NHCF	No	Yes	Yes	No
FW643E	No	Yes	Yes	No	H8J32Z	No	Yes	Yes	No
FWWMCV	No	Yes	Yes	No	H9J467	No	Yes	Yes	No
FYXWXX	No	Yes	Yes	No	H9VXK7	No	Yes	Yes	No
					H9W8LY		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
HARQR7	No	Yes	Yes	No	JLCU4V		Yes		No
HCVEAG	No	Yes	Yes	No	JN69NJ	No	Yes	Yes	No
HE42UU	No	Yes	Yes	No	JN89ZZ	No	Yes	Yes	No
HJZDLR	No	Yes	Yes	No	JN9X7H	No	Yes	Yes	No
HL63QL	No	Yes	Yes	No	JPGKQV	No	Yes	Yes	No
HLKWC9	No	Yes	Yes	No	JPJ3HL	No	Yes	Yes	No
HNRPF3	No	Yes	Yes	No	JPZ2TX	No	Yes	Yes	No
HPL9PG	No	Yes	Yes	No	JQDLMT	No	Yes	Yes	No
HQEVNJ	No	Yes	Yes	No	JRPXC3	No	Yes	Yes	No
HT2M6B	No	Yes	Yes	No	JTD4D9	No	Yes	Yes	No
HT3M3P	No	Yes	Yes	No	JTWULT	No	Yes	Yes	No
HV8XRJ	No	Yes	Yes	No	JUAEGN	No	Yes	Yes	No
HW4LKA	No	Yes	Yes	No	JW2B4W	No	Yes	Yes	No
HXYRR9	No	Yes	Yes	No	JWDAX7	No	Yes	Yes	No
J2RDX2	No	Yes	Yes	No	JWYL2L	No	Yes	Yes	No
J39ZMQ	No	Yes	Yes	No	JWZEX8	No	Yes	Yes	No
J6UN2B	No	Yes	Yes	No	JY6BX3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
J77QZA	No	Yes	Yes	No	JY8T4D	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JA6UKN	No	Yes	Yes	No	K2P9CK	No	Yes	Yes	No
JAK3LC	No	Yes	Yes	No	K2Q88E	No	Yes	Yes	No
JBXMEL	No	Yes	Yes	No	K4CUZ2	No	Yes	Yes	No
JEVBT9	No	Yes	Yes	No	K6A8G3	No	Yes	Yes	No
JEZYJF	No	Yes	Yes	No	K6B26E	No	Yes	Yes	No
JFUPPU	No	Yes	Yes	No	K6KBQK	No	Yes	Yes	No
JGM3AK	No	Yes	Yes	No	K8VJBJ	No	Yes	Yes	No
JJVFN2	No	Yes	Yes	No	KAKK2L	No	Yes	Yes	No
JK6CA7	No	Yes	Yes	No	KBE7UD	No	Yes	Yes	No
JKPGYC	No	Yes	Yes	No	KEWTGC	No	Yes	Yes	No
JL2M8U	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
KF88XD	No	Yes	Yes	No	LDWP9F	No	Yes	Yes	No
KGH6AA	No	Yes	Yes	No	LDXKVT	No	Yes	Yes	No
KGKW2P	No	Yes	Yes	No	LFQB8Y	No	Yes	Yes	No
KPFZ6M	No	Yes	Yes	No	LHBNZU	No	Yes	Yes	No
KQBTCJ	No	Yes	Yes	No	LHTGGD	No	Yes	Yes	No
KTVAG6	No	Yes	Yes	No	LINE6HA	No	Yes	Yes	No
KU7AEK	No	Yes	Yes	No	LNTXRH	No	Yes	Yes	No
KU89BE	No	Yes	Yes	No	LTVMLD	No	Yes	Yes	No
KU9YL3	No	Yes	Yes	No	LVH9AU	No	Yes	Yes	No
KUP38H	No	Yes	Yes	No	LWCU3K	No	Yes	Yes	No
KUQK3C	No	Yes	Yes	No	LX7MUX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KXNGTL	No	Yes	Yes	No	LXNNK7	No	Yes	Yes	No
KYFCGF	No	Yes	Yes	No	LYGK8E	No	Yes	Yes	No
KYJRW2	No	Yes	Yes	No	LZ9PGD	No	Yes	Yes	No
KZVMHU	No	Yes	Yes	No	LZDV63	No	Yes	Yes	No
L26W6Y	No	Yes	Yes	No	M3D278	No	Yes	Yes	No
L2LDYR	No	Yes	Yes	No	M3EVRX	No	Yes	Yes	No
L3FXTJ	No	Yes	Yes	No	M46TL6	No	Yes	Yes	No
L3V67N	No	Yes	Yes	No	M6JBRW	No	Yes	Yes	No
L638Q4	No	Yes	Yes	No	M6YEFW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
L6JTCL	No	Yes	Yes	No	M9YP8P	No Interpretations Reported, DNA Analyzed for Database purposes only.			
L6KT8F	No	Yes	Yes	No	MFYBTC	No	Yes	Yes	No
L89ZWJ	No	Yes	Yes	No	MGEW3E	No	Yes	Yes	No
L8P2VE	No	Yes	Yes	No	MJFX6W	No	Yes	Yes	No
LAUGWV	No	Yes	Yes	No	MKU6QD	No	Yes	Yes	No
LC4Y32		Yes	Yes		MKVMJP	No	Yes	Yes	No
LCJ92U	No	Yes	Yes	No	MNACVL	No	Yes	Yes	No
LD4PJH	No	Yes	Yes	No	MNB24P	No	Yes	Yes	No
LDDWH4	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
MP78EU	No	Yes	Yes	No	P37AVN		Yes		No
MQLEYQ	No	Yes	Yes	No	P68DKP	No	Yes	Yes	No
MT9GYR	No	Yes	Yes	No	P74NHD	No	Yes	Yes	No
MUGTCM	No	Yes	Yes	No	P8WK6L	No	Yes	Yes	No
MUKBER	No	Yes	Yes	No	P8XXL9	No	Yes	Yes	No
MUZAGA	No	Yes	Yes	No	P9T4XF	No	Yes	Yes	No
MUZJL8	No	Yes	Yes	No	P9TJEY	No	Yes	Yes	No
MVE2K8	No	Yes	Yes	No	PA7K99	No	Yes	Yes	No
MWRKK4	No	Yes	Yes	No	PA9C4U	No	Yes	Yes	No
MZ7HNK	No Interpretations Reported, DNA Analyzed for Database purposes only.				PC9MVN	No	Yes	Yes	No
N3PM6U	Inc	Yes	Inc	No	PEFBLT	No	Yes	Yes	No
N6UGLC	No	Yes	Yes	No	PEZJHW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
N7ALEH	No	Yes	Yes	No	PEZJM4	No	Yes	Yes	No
N9KCUE	No	Yes	Yes	No	PF79JK	No	Yes	Yes	No
N9YBWV	No	Yes	Yes	No	PG9RU3	No	Yes	Yes	No
NARVA2	No	Yes	Yes	No	PJVDHJ	No	Yes	Yes	No
NAUWKF	No	Yes	Yes	No	PKNWAP	No	Yes	Yes	No
NBLN6K	No	Yes	Yes	No	PMTMWR	No	Yes	Yes	No
NH6PN4	No	Yes	Yes	No	PR8V64	No	Yes	Yes	No
NHNNNM	No Interpretations Reported, DNA Analyzed for Database purposes only.				PR9PQV	No	Yes	Yes	No
NJVJAR	No	Yes	Yes	No	PUU3KE	No	Yes	Yes	No
NLYQKQ	No	Yes	Yes	No	PUWQMQ	No	Yes	Yes	No
NMHX39	No	Yes	Yes	No	PWV8TT	No	Yes	Yes	No
NUEKLE	No	Yes	Yes	No	PWVC7F	No	Yes	Yes	No
NUY233	No	Yes	Yes	No	PWZQGV	No	Yes	Yes	No
NVQ33Y	No	Yes	Yes	No	PXBBKY	No	Yes	Yes	No
NZ2H6V	No Interpretations Reported, DNA Analyzed for Database purposes only.				PXCTFU	No	Yes	Yes	No
P2Q4DD	No	Yes	Yes	No	PYPVFU	No	Yes	Yes	No
					Q37F3A	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
Q4FX7T	No	Yes	Yes	No	R7UQ3Y	No	Yes	Yes	No
Q4VJBN	No	Yes	Yes	No	R88ELX	No	Yes	Yes	No
Q76V9C	No	Yes	Yes	No	R944YK	No	Yes	Yes	No
Q7JTPV	No	Yes	Yes	No	R9LPFW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
Q7MUH4	No	Yes	Yes	No	RAUZBE				
Q8VZ2J	No	Yes	Yes	No	RCNL47	No	Yes	Yes	No
Q969L4	No	Yes	Yes	No	RDFL43	No	Yes	Yes	No
Q9AJR9	No	Yes	Yes	No	RGD2UY	No	Yes	Yes	No
Q9NHPJ	No	Yes	Yes	No	RL9WDX	No	Yes	Yes	No
QBUDK3	No	Yes	Yes	No	RLBFNF	No	Yes	Yes	No
QC93LU	No	Yes	Yes	No	RX47Z7	No	Yes	Yes	No
QCQRC2	No	Yes	Yes	No	RXLUKM	No	Yes	Yes	No
QD24YP	No	Yes	Yes	No	T3TZDX	No	Yes	Yes	No
QDZ2ZR	Inc	Yes	Inc	No	T3VR9K	No	Yes	Yes	No
QJAPN9	No	Yes	Yes	No	TBACV7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QKFAAM	No	Yes	Yes	No	TL6RDE	No	Yes	Yes	No
QLERJY	No Interpretations Reported, DNA Analyzed for Database purposes only.				TLNDAC	No	Yes	Yes	No
QLFF6J	No	Yes	Yes	No	TN9KAY	No	Yes	Yes	No
QLVZAE	No	Yes	Yes	No	TNYBNT	No	Yes	Yes	No
QU9QGY	No	Yes	Yes	No	TQLXCA	No	Yes	Yes	No
QU9YZJ	No	Yes	Yes	No	TTPUGB	No	Yes	Yes	No
QVFAWM	No	Yes	Yes	No	TTRDMM	No	Yes	Yes	No
QVZF8Q	No	Yes	Yes	No	TUHGGU	No	Yes	Yes	No
QVZGBX	No	Yes	Yes	No	U2WPFA	No	Yes	Yes	No
QWCRUG	No	Yes	Yes	No	U3PX66	No	Yes	Yes	No
QXDDYA	No	Yes	Yes	No	U4YCJJ	No	Yes	Yes	No
QZXXNR	No	Yes	Yes	No	U7MCRV	No	Yes	Yes	No
R3EAVF	No	Yes	Yes	No	UBMZFA	No	Yes	Yes	No
R64GFC	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
UBPZP6	No	Yes	Yes	No	VF9CTH	No	Yes	Yes	No
UCW6TY	No	Yes	Yes	No	VFQVKP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UDN2HT	No	Yes	Yes	No	VG3BC6	No	Yes	Yes	No
UFR9Q7	No	Yes	Yes	No	VGNYJR	No	Yes	Yes	No
UFZ78X	No	Yes	Yes	No	VHFZJN	No	Yes	Yes	No
UHRMVE	No	Yes	Yes	No	VHX7HE	No	Yes	Yes	No
UJFMEG	No	Yes	Yes	No	VHZVPW	No	Yes	Yes	No
UJUAQ4	No	Yes	Yes	No	VTJCFH	No	Yes	Yes	No
ULKBXC	No	Yes	Yes	No	VWKQC2	No	Yes	Yes	No
UMFQAA	No	Yes	Yes	No	VXARXX	No	Yes	Yes	No
UPNYG9	No	Yes	Yes	No	VZHLJ	No	Yes	Yes	No
URMK3J	No	Yes	Yes	No	WA2NM3	No	Yes	Yes	No
URRV6H	No	Yes	Yes	No	WD4YNP	No	Yes	Yes	No
UUG2PE	No	Yes	Yes	No	WGJ48Y	No	Yes	Yes	No
UXXXH	No	Yes	Yes	No	WHUNF9	No	Yes	Yes	No
UXY6BQ	No Interpretations Reported, DNA Analyzed for Database purposes only.				WJ7HXU	No	Yes	Yes	No
UY8KFB	No	Yes	Yes	No	WM62VM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UZ27A3	No	Yes	Yes	No	WPT26V	No	Yes	Yes	No
UZGM92	No	Yes	Yes	No	WPU9H6	No	Yes	Yes	No
UZK3NN	No	Yes	Yes	No	WRZQGZ	No	Yes	Yes	No
V2QGE7	No	Yes	Yes	No	WTRQFW	No	Yes	Yes	No
V3KM38	No	Yes	Yes	No	WTU4UX	No	Yes	Yes	No
V3QUAA	No	Yes	Yes	No	WUQMCL	No	Yes	Yes	
V3Z28V	No	Yes	Yes	No	WVZ83M	No	Yes	Yes	No
V6TLLF	No	Yes	Yes	No	X3DCYZ	No	Yes	Yes	No
VA4BU9	No	Yes	Yes	No	X9MLCM	No	Yes	Yes	No
VBHCLW	No	Yes	Yes	No	X9Z3JA	No	Yes	Yes	No
VCVA7L	No	Yes	Yes	No	XDEQ8D	No	Yes	Yes	No
VEJB3G	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
XEAF6E	No	Yes	Yes	No	YPMT7F	No	Yes	Yes	No
XFLKUG	No	Yes	Yes	No	YRU3B7	No	Yes	Yes	No
XGZFRP	No	Yes	Yes	No	YRVV7T	No	Yes	Yes	No
XJ3FLV	No	Yes	Yes	No	YT8FMM	No	Yes	Yes	No
XJ68HH	No	Yes	Yes	No	YTB3H3	No	Yes	Yes	No
XLAT84	No	Yes	Yes	No	YUGYEQ	No	Yes	Yes	No
XLB2MV	No	Yes	Yes	No	YUXGP4	No	Yes	Yes	No
XLW2LD	No	Yes	Yes	No	YUYFMJ	No	Yes	Yes	No
XQ6XAZ	No	Yes	Yes	No	YW74DP	No	Yes	Yes	No
XTBKM6	No	Yes	Yes	No	YX3EBD	No	Yes	Yes	No
XTQFVD	No	Yes	Yes	No	YYBQQU	No	Yes	Yes	No
XVWUMD	No	Yes	Yes	No	YYT7AH	No	Yes	Yes	No
XYWZ9B	No	Yes	Yes	No	Z37346	No	Yes	Yes	No
XZRVYK	No	Yes	Yes	No	Z4JJCC	No	Yes	Yes	No
Y3B3NE	No	Yes	Yes	No	Z4L2L9	No	Yes	Yes	No
Y3ZVRD	No	Yes	Yes	No	Z6FEUZ	No	Yes	Yes	No
Y44X8G		Yes		No	Z78GX3	No	Yes	Yes	No
Y8P3WK	No	Yes	Yes	No	Z83UMF	No	Yes	Yes	No
Y8QZ8F	No	Yes	Yes	No	Z8KF9Y	No	Yes	Yes	No
Y9HDX9	No	Yes	Yes	No	Z9F67Z	No	Yes	Yes	No
YB3DYA	No	Yes	Yes	No	Z9FZTC	No	Yes	Yes	No
YGEBMW	No	Yes	Yes	No	ZAP8W6	No	Yes	Yes	No
YJXDFM	No	Yes	Yes	No	ZB2ZVE	No	Yes	Yes	No
YJZ7BA	No	Yes	Yes	No	ZFH7UA	No	Yes	Yes	No
YKGZCK	No	Yes	Yes	No	ZGRMXR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
YL9ZCG	No	Yes	Yes	No	ZJVU67	No	Yes	Yes	No
YLKY46	No	Yes	Yes	No	ZKQ2FB	No	Yes	Yes	No
YPBYNU	No	Yes	Yes	No	ZL42TR	No	Yes	Yes	No
YPJHZZ	No	Yes	Yes	No	ZLJGNK	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
ZN74C2	No	Yes	Yes	No					
ZPHV9P	No	Yes	Yes	No					
ZPHZLD	No	Yes	Yes	No					
ZUDZ8F	No	Yes	Yes	No					
ZUXF8X	No	Yes	Yes	No					
ZWMLRV	No	Yes	Yes	No					
ZXWLTV	No	Yes	Yes	No					
ZYBLYJ	No	Yes	Yes	No					
ZYR6Y4	No	Yes	Yes	No					
ZZQ9RE	No	Yes	Yes	No					

DNA Interpretation					
Response Summary	Participants reporting DNA results: 632				
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		Item 3	Item 4	Item 3	Item 4
Yes	0	595	582	0	
No	582	0	0	593	
Inc	3	0	4	0	
No Response	11	1	10	3	

Participants analyzing DNA for database purposes only: 36

Additional Comments

TABLE 8

WebCode	Additional Comments
2MX7NC	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
3G3U4Z	STRMix interpretation software was utilized for item(s). Allele calls are based on the genotype probability distribution list so additional alleles may be present as any allele given a weight as a possible true allele was documented. Male screening was performed on this test as well.
3LQMTK	Item 3 contain mixtures of two Male, one of them is our Suspect (Item 2). The other one is unknow Male person.
3TCHR4	The results from the blood tested on item 3 indicates a mixture of DNA being present from at least two individuals. In my opinion, the male suspect could have contributed DNA to the sample tested. If it is accepted that his DNA could be present, the remaining DNA components not accounted for by him could potentially be used to interrogate the National DNA Database in an attempt to identify another individual who may be the other male suspect alleged to be involved in the incident.
3TW84W	Identifiler and Identifiler Plus data were concordant for Items 3.1 and 4.1
3ZAAXC	The Missing Peron's Unit does not interpret mixtures. Therefore, no interpretation was made on item 3, so no comparison between items 1 and 3 and items 2 and 3 was performed.
44WZB3	Minifiler was also used to amplify item 4. Concordant results were obtained at all duplicate loci.
494NN4	Minifiler was also used to amplify item 4. Concordant results were obtained for all loci for Identifiler Plus and Minifiler.
49PZPX	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one minus stutter peak being included in the DNA Results tables.
4BWRNJ	Y-STR and mitochondrial DNA testing are not performed in this lab.
4GZNZB	Elevated stutter obtained in Y-STR mixture profile from Item 3 at locus DYS19, peak 16. Peak height ratio was 11.44% whereas the published stutter percentage for this locus is 11.4%. Current SOP allows for removal of elevated stutter on single source profiles only so this peak was included in the results submitted.
4KDDC8	^ indicates below stochastic threshold
4MKNCG	No STR results were obtained for the substrate controls
62H8H8	In the allele table, ^ indicates peaks below the stochastic threshold as per [Agency] policy
6GVDU7	Per [Agency] Missing Persons Unit interpretation guidelines, all mixtures are reported as inconclusive; therefore, no interpretation was made between items 1 and 3, and between items 2 and 3.
6J4GUA	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
6KVL69	PSA testing was performed on items 3 & 4 to identify samples that should be differentially or non-differentially extracted.
6LTRP9	Test for saliva not performed routinely for casework unless requested. Based on the scenario, it is not necessary to perform screening test for semen.
6RDFBJ	NR = No Result. DNA analyst performed only KM screening test on items #3 and #4. A qualified Forensic Biologist performed all other screening tests. Full concordance was achieved between common

TABLE 8

WebCode	Additional Comments
6RDFBJ	NR = No Result. DNA analyst performed only KM screening test on items #3 and #4. A qualified Forensic Biologist performed all other screening tests. Full concordance was achieved between common loci found in Identifiler Plus and PowerPlex Fusion 6C for items #1 and #2.
6VYPFX	STRMix interpretation software was utilized for items 3 and 4. Allele calls are based on the genotype probability distribution list so additional alleles may be present as any allele given a weight as a possible true allele was documented.
6W6EDZ	N/T = Not Tested
6X3XQF	Forensic Biologist performed screen tests. Item #3 for mtDNA is a mixture - we do not interpret. [From Table 5c- Mitochondrial DNA - HVRI Results, Item 3: "Sample is a mixture"]
6YDEQU	Sample 4 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.
749GHZ	Identifiler and Identifiler Plus results for items 3 and 4 were fully concordant.
89TZUE	minor alleles are in parentheses, genotypes entered
8AMLN7	1) Saliva testing is a non-routine test and only conducted on request by the investigating officer. 2) Based on the scenario given, it is not necessary to conduct testing for semen.
8FVHJK	Victim is excluded from Item 3 based on two males present in Yfiler results. There is no indication of a third contributor in Item 3. The exclusion is based on the assumption that there are only two contributors to this mixture and both are male. Item 3 appears to be a one to one mixture of two males. A major profile and minor profile cannot be deduced resulting in a profile that is not suitable for comparison analysis.
8JCFZ3	1) Saliva testing is a non-routine test and only conducted on request by the investigating officer. 2) Based on the scenario given, it is not necessary to conduct testing for semen.
8PEJP2	[From Table 5c- Mitochondrial DNA - HVRI Results- Item 3: "Item 3: DNA mixture in STR results: therefore, no mtDNA analysis was performed"]
8T3XEB	LCN Yfiler was performed on Item 2. Results were concordant at all overlapping loci. Item 3 is being reported as inconclusive for the mtDNA due to an observed mixture. This laboratory does not interpret mtDNA mixtures.
93MNFU	Item 1 and 2 were processed using PowerPlex Fusion 6C. Item 1 is female and therefore there are no Y-STR results. The last three loci are out of order when sorted for Fusion in the portal.
94XQ2R	Item 1 was tested using PowerPlex Fusion 6C, however no Y-STR results are reported due to being female. When sorting according to PowerPlex Fusion, the last three autosomal STR markers were incorrectly ordered for the Fusion 6C kit.
966T36	A second contributor to Item 3 could be determined-this could be used in a search of the National DNA Database - the profile indicates that this is a male individual. (second male suspect also bleeding). At least some of the DNA result from Item 3 originates from the blood tested IMO - strong profile (could be blood from 2). IMO DNA result from Item 4 originates from the blood tested (strong) profile.
98EXJZ	Item 3, locus vWA, 18 allele detected. Determined to be N+4 stutter from the 17 peak (2.3%). Can not mark off in a mixture.
9BE4ZR	Female reference samples are not processed with Yfiler. NR = No Results
9GFNYF	[] = MINOR ALLELES. N/A = not applicable.
9L9KN8	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 3 and the data is not reportable because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Therefore, no interpretation can be made

TABLE 8

WebCode	Additional Comments
9L9KN8	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 3 and the data is not reportable because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Therefore, no interpretation can be made regarding the comparison between Items 1 and 3 and Items 2 and 3.
9LF3Y6	Both the Globalfiler and Identifiler amplification kits were used in this analysis. All results are consistent with one another for both kits.
A8DHQZ	Based on scenario provided, it was not necessary to perform tests for semen. Saliva test is not routinely carried out unless specifically requested for by the client.
ADY7RW	^ = Allele below stochastic threshold. ** = Possible stutter Item 3 and 4 were amplified with Identifiler and Identifiler Plus. Profiles were concordant between the two kits.
APRRV8	The alleles reported were those listed in the Evidence Input Files (including stutter) used by the STRmix software. Minifiler results concordant with Identifiler Plus results.
B7VG8B	KM was done by both DNA analyst and FB. Other serological tests were done by FB. IDP+YF results concordant w/ Fusion 6C results @ loci that overlap for items #1 & #2. Part III DNA Interpretation/comparisons were based on IDP/YF results. NR = No Result.
B8MUX4	Missing Persons unit reports all mixtures as inconclusive; therefore, no interpretation was made between item 1 and item 3 OR between item 2 and item 3.
BUGRM8	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
BWRUBR	STRMix interpretation software was utilized for Items 3 and 4. Allele calls are based on the genotype probability distribution list so additional alleles may be present as any allele given a weight as a possible true allele was documented.
CCBG3E	The DNA profile obtained from item 3 is consistent with coming from two unknown contributors and it appears to be a one to one mixture of two male contributors. A major and minor profile could not be deduced, therefore this profile was not suitable for comparison analysis.
CEMLU4	The probabilistic software STRmix® was used on this proficiency. The alleles reported were those listed in the Evidence Input Files (including stutter) used by the STRmix software.
D2BJ4Z	NT = not tested. NSD = no sizing data Probabilistic genotyping (STRmix) used for data analysis with stutter peaks unfiltered. Alleles comprising genotype combinations with total weightings of 99% or greater reported.
D7MLWM	STRMix interpretation software was utilized for items 3 and 4. Allele calls are based on the genotype probability distribution list so additional alleles may be present as any allele given a weight as a possible true allele was documented. Male screening interpretation, review, and report writing was covered in this proficiency test. This laboratory treats all evidentiary samples as potential mixtures. The Y-STR profile for sample 3 was identified as an evidentiary sample and any peaks in the stutter position that are not filtered out by the software are interpreted as part of a possible mixture.
DDAART	Minifiler was also used to amplify item 4. Concordant results were obtained at all duplicate loci.
DKRMQR	The Identifiler Plus STR data reported on pages 5 and 6 [Table 2- Amplification Kit(s) & STR Results, Items 3 and 4] are based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, STRmix results may include alleles that would have been filtered under a conventional analysis paradigm. Such results are expected to enhance the ability of the analyst to make accurate inclusionary or exclusionary statements. Due to the limitations of the report format, the relative probabilities of the different genotypes cannot be captured. Therefore, this report includes all possible alleles for all interpreted genotypes. In this specific case, the STRmix results do not include any alleles in addition to those that would be detected with a stutter filter

TABLE 8

WebCode	Additional Comments
DKRMQR	The Identifiler Plus STR data reported on pages 5 and 6 [Table 2- Amplification Kit(s) & STR Results, Items 3 and 4] are based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, STRmix results may include alleles that would have been filtered under a conventional analysis paradigm. Such results are expected to enhance the ability of the analyst to make accurate inclusionary or exclusionary statements. Due to the limitations of the report format, the relative probabilities of the different genotypes cannot be captured. Therefore, this report includes all possible alleles for all interpreted genotypes. In this specific case, the STRmix results do not include any alleles in addition to those that would be detected with a stutter filter applied. One hundred percent probability was assigned to all loci reported for item 4. All Minifiler STR results are concordant with the Identifiler Plus results at the corresponding loci.
DLDF4	The probabilistic software STRMix was used on this proficiency. We reported out all possible alleles generated in the genotype probability distribution output files.
DPJJ43	Analyst only performed data interpretation analysis at this time.
DQAB6U	Minifiler was also used to amplify item 3. Concordant results were obtained for item 3 with both Identifiler Plus and Minifiler.
DQQGFD	PSA/P30 testing performed on Items 3 and 4 was negative
DQXDX4	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
DY6ZYD	XX= Female. XY = Male. []= Minor allele. NA = Not applicable.
E4C9HT	possible elevated stutter present in item 3 (questioned stain from shirt collected from store) @ D22S1045 - the allele call of 16 is possible n-3/n+3 stutter; the acceptable stutter percentage for n-3 ≤16.4% and the acceptable stutter percentage for n+3 is ≤8.6%; the stutter percentage present @ D22S1045 is 16.9%
EUALWN	Items 1 and 2 were amplified using PowerPlex Fusion 6C. -No data for the Y-STR markers were obtained for Item 1. This is expected since the profile is Female. Both sample table results were sorted for PowerPlex Fusion. The last three loci were out of order (FGA, D22S1045 and SE33).
FAFEUB	[] = minor allele. N/A = Not Applicable.
FCHC2W	Missing Persons Unit reports mixtures as inconclusive (INC), therefore, no interpretation was made between item 1 and item 3 and item 2 and item 3.
FLNAVR	[From Table 3- Amplification Kit(s) & YSTR Results- Item 1: "NR = No Result; NT = Not Tested" and From Table 5C- Mitochondrial DNA- HVRI Results- Item 3 and Table 6C- Mitochondrial DNA- HVRII Results- Item 3: "Mixture-NT"]
FW643E	The questioned stain from suspect's shirt (item 4) was analyzed using high sensitivity DNA testing procedures in addition to regular procedures. High sensitivity DNA testing results are concordant with the reported results.
FZCAQZ	STRMix probabilistic genotyping software was used to determine genotype combinations. No stutter filters are used when using this software and it is recognized that some stutter peaks can be recognized as true peaks.
G89ECP	Item 3 Elevated stutter observed at D2. 22 allele detected at 627 Rfu. Elevated stutter peak in 21 allele bin detected at 82 Rfu (13.0%). Validated stutter at D2=11.1%. Elevated baseline observed throughout the dye channel.
GH3UY6	No Y-STR or Mitochondrial tests performed on items 1 or 2. No tests performed on items 3 or 4.
GMZBDK	NR = no results
GNWLB9	Key: NR = No Result

TABLE 8

WebCode	Additional Comments
GP7TAU	--- No results. INC Inconclusive for the presence of additional allele(s). Additional DNA entry for DYS391 is pertaining to Fusion 5c. Exclusion of suspect (item 2) from item 4 is based on STR typing only.
GRWVG4	No STR results obtained for substrate controls
GTNUV3	Identifiler Plus and MiniFiler were performed on Item 3. Results were concordant at all overlapping loci.
GUH89Y	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
GXVG8H	() = [] -> Lighter intensity allele
GYAEPM	DYS391 in common between Globalfiler and YFiler Plus kits (see item 2)- consistent results were obtained at this loci across both kits. Item 3 - YFiler Plus mixed DNA result. DYS385 and DYF387S1 each demonstrated imbalance between the typed alleles that fall outside the laboratory guidelines. All typed alleles at these two loci were above the laboratory pseudo homozygote level guidelines for YFiler Plus, therefore dropout has not been considered.
H4M6LN	^ = allele below stochastic threshold (200RFUs)
H9J467	Part I (Screening Tests) performed by Forensic Biologist. Part II (DNA Analysis) performed by DNA Analyst.
H9W8LY	- Items 3 & 4 were not processed for STR analysis and Items 1 & 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 & 4 as it is not necessary to determine the method of processing for mtDNA analysis. - A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. - Since Item 3 is not reported, no interpretation can be made between Item 1 and Item 3 and between Item 2 and Item 3.
HJZDLR	STRMix probabilistic genotyping software was used to determine genotype combinations. No stutter filters are used when using this software and it is recognized that some stutter peaks can be recognized as true peaks.
HQEVNJ	a second area of Item 3 was sent for DNA analysis. The Search Technologist described it as: "an area (~1.2cmx0.9cm) with several red-brown flakes on one side at one corner of the piece of fabric". It was hemastix positive instantly but deemed to have insufficient material for hemochromogen testing. The DNA profile result was the same as the one reported for Item 3, but much weaker. This leads me to believe transfer of the deposited stain may have occurred, most likely while in transit.
HT3M3P	Multiplex PCR amplifications were performed on the bloodstained FTA cards (Item 1 and Item 2) and Chelex® extracted DNA samples (Item 3 and Item 4) using the Applied Biosystems® AmpFLSTR® Identifiler® Direct (Item 1 and Item 2), Identifiler® Plus (Item 3 and Item 4) and Yfiler® (Item 2, Item 3 and Item 4) PCR amplification kits. Separation and detection of the amplified products were performed using the Applied Biosystems® 3500xL Genetic Analyzer and analysis was carried out by GeneMapper® ID-X software version 1.4.
J39ZMQ	This participant was only tested in DNA interpretation and intentionally did not submit serology testing results. STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
JL2M8U	A serologist was not assigned to this test so no screening results were reported. Participant is not competent in performing serological screening.
JLCU4V	Missing Persons reports mixtures as INC (inconclusive); therefore no interpretation made between items 1 and 3 and items 2 and 3.
JN69NJ	The addition of globalfiler and Y Filer plus to the options would save manual entry of results. The profile from item 3 was a mixture of DNA from 2 males in approximately equal proportions.

TABLE 8

WebCode	Additional Comments
JRPXC3	Y-STR and mitochondrial DNA testing are not performed in this laboratory
JTWULT	^ = indicates peaks below stochastic threshold as per [Agency]-DNA Policy
JUAEGN	The Identifiler Plus STR data reported on pages 5 and 6 [Table 2 - Amplification Kit(s) & STR Results, Items 3 and 4] were analyzed with STRmix, a probabilistic genotyping software program. Because this software incorporates stutter peaks into the analysis, and therefore does not employ a stutter filter, STRmix results may include alleles that would have been filtered under a conventional analysis paradigm. Such results are expected and do not impact the ability of the analyst to make accurate inclusionary or exclusionary statements. In this specific case, the STRmix results do not include any alleles in addition to those that would be detected with a stutter filter applied.
JY6BX3	No Y-STR or Mitochondrial tests performed on items 1 or 2. No tests performed on items 3 or 4.
K26UJ2	BIOLOGY SCREENING ONLY
K4CUZ2	No STR results were obtained for the substrate controls.
K6KBQK	Item 1, Item 2, Item 3 and Item 4 were extracted by using organic @ Phenol/Chloroform method. Extracted DNA samples were amplified by using Applied Biosystem AmpFLSTR Identifiler Plus (STR)kits. Item 2,Item 3 and Item 4 were also amplified by using Yfiler (STR) kits. Separation and detection of amplified products were performed using the Applied Biosystems 3130xL Genetic Analyzer and analysis was carried out by GeneMapper ID v3.2.1 software.
KQBTCJ	Human blood detected on items 3 and 4 using the ABACard Hematrace test.
KTVAG6	Item #2 DYS627 =19, Item #3 DYS627 = 19,21
KXNGTL	Mixed DNA result obtained from sample of item 3 indicating presence of DNA from at least two people. In my opinion suspect could have contributed. Remaining components suitable for a speculative search of the National DNA Database. Item 3 D12 24 in my opinion a large stutter.
KYFCGF	1) Item1 and Item2 were extracted using the in-situ extraction method. 2) Item3 and Item4 were extracted using DNA-IQ extraction kit with TECAN automated platform and quantification was carried out on these samples using Quantifiler Human DNA Quantification kit. 3) Item1 and Item2 were amplified using Identifiler Direct STR kit. 4) Item3 and Item4 were amplified using Identifiler Plus STR kit. 5) Y-STR analysis was carried out on Item1, Item2 and Item3 using AmpFISTR Y-File kit. 6) Reagent Blank, Positive Control and Negative Control were also incorporated throughout the analysis. 7) Electrophoresis was carried out using 3130xL Genetic Analyzer.
KZVMHU	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
L8P2VE	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct in the 9700 thermal cycler. 2. Item 3 and Item 4 were extracted using DNA IQ kit on TECAN Freedom Evo 150. Then, it was quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. Amplification 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 cycler. 4. In the same time, Item 3 and 4 were amplified using Minifiler kit in the 9700 Thermal cycler. 5. Reagent Blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
LC4Y32	In item nr 3 there is a mixture of 2 men (one of them is a suspect (item nr 2).
LCJ92U	The probabilistic software STRMix was used on this proficiency. We reported out all possible alleles generated in the genotype probability distribution output files.
LD2ZBE	BIOLOGY SCREENING ONLY. AMYLASE DIFFUSION IS A PRESUMPTIVE TEST FOR SALIVA.
LDWP9F	Imbalance in peak heights indicating a major contributor at D19S433 in Item 3. D19S433 only locus indicating a major contributor therefore no major contributor was determined for the sample.

TABLE 8

WebCode	Additional Comments
LDXKVT	PSA testing was performed to determine if the questioned samples should be differentially extracted. Both item 3.0 and item 4.0 tested negative for PSA.
LPQ7Z3	Completed serology only, no DNA testing.
LZ9PGD	The 17 peak at DYS385 is likely an amplification artifact but does not meet laboratory protocol for editing.
MJFX6W	A possible stutter allele peak was detected in the YSTR results for Item 3 at locus DYS385. The percent difference between the 17 peak and the 18 parent peak was 15.1%, and the stutter filter for locus DYS385 is 13.9%. The notation for a possible stutter allele peak in our laboratory is a "^", and this symbol may be seen next to the 17 for the results at locus DYS385.
MP78EU	NR= no result. Item 3 DYS391 result for Fusion 5C does not have imbalance between the 10 and 11 allele. Result for PowerPlex Y23 had an imbalance between the 10 and 11 allele and is reported in the result section above.
MT9GYR	The probabilistic genotyping software STRmix® was used on this proficiency. I reported out all possible alleles generated in the Genotype Probability Distribution output files.
MUKBER	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one minus stutter peak being included in the DNA Results tables.
MWRKK4	XY = Male. XX = Female. [] = Minor Allele. N/A = Not Applicable.
N3PM6U	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
N7ALEH	I have considered whether the blood on the pieces of fabric, comprising items 3 and 4 had been deposited onto both sides of the fabric given its appearance and therefore blood was sampled from the stain on the 'outside' surface of the fabric and from the centre of each stain. Both samples from item 3 yielded the same result and both samples from item 4 yielded the same result. A mixed DNA profile, which in my opinion, comprises DNA from two individuals, was obtained from the blood tested on item 3. It is possible to make the observation that the DNA profile from 'known suspect' (item 2) is fully represented in the mixed DNA profile such that they could be considered to be a contributor to it. If an allowance is made for the presence of DNA from 'known suspect' it is possible to derive a profile for a second male contributor which could be searched against a DNA Database (NDNAD) for intelligence purposes in an attempt to identify the second male involved.
NBLN6K	Item 3; D10S1248; allele (14) stutter @ 12.7%
P37AVN	The Missing Persons unit reports all mixtures as inconclusive; therefore, no interpretation was made between the victim (item 1) or suspect (Item 2) with item 3.
P9TJEY	Screening tests performed by Forensic Biology Analyst. Stats performed by hand by DNA analyst. Fusion 6C used for Database Samples only (Sample 1+2). NR = No results. F6C and IDP: overlapping loci are concordant. F6C and Yfiler: Overlapping locus DYS391 is concordant.
PJVDHJ	Items 3 and 4 had one additional allele that fell in the artifact position and the following wording would be used in report writing: additional alleles were obtained indicating an additional artifact(s).
PMTMWR	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
PR9PQV	The DNA Analyst taking this test conducted KM testing for blood with the following results: Item #3: KM+, Item #4: KM+.
PUWQMQ	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in

TABLE 8

WebCode	Additional Comments
PUWQM	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
PWV8T	NR = no results. mtDNA for Item 3 is being reported as inconclusive due to mixture.
PWZQGV	The Identifiler Plus STR data reported on page 5 [Table 2 - Amplification Kit(s) & STR Results, Item 3] are based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, STRmix results may include alleles that would have been filtered under a conventional analysis paradigm. Such results are expected to enhance the ability of the analyst to make accurate inclusionary or exclusionary statements. Due to the limitations of the report format, the relative probabilities of the different genotypes cannot be captured. Therefore, this report includes all possible alleles for all interpreted genotypes. In this specific case, the STRmix results do not include any alleles in addition to those that would be detected with a stutter filter applied. All MiniFiler results are concordant with the reported Identifiler Plus results.
Q37F3A	^ = Below stochastic threshold (200 rfu)
Q7MUH4	[] = minor allele. N/A = Not Applicable.
Q8VZ2J	Test for saliva not routinely performed unless requested by Investigating Officer Based on the mentioned scenario, it is not necessary to carry out testing for semen.
QBUDK3	YSTR not performed on Item 1 or Item 4 because no male DNA detected on quantification.
QD24YP	The results regarding the Suspect being a contributor to Item 3 is based on the Identifiler Plus data. For the Item 3 Yfiler profile, the results for the suspect were deemed inconclusive. Alleles consistent with the suspect were detected at all loci but the profile was a 2 person indistinguishable mixture. The laboratory does not have a validated Yfiler mixture statistical calculator, and thus, it is laboratory policy in casework to deem this type of result as inconclusive since no statistical weight can be applied at this time.
QDZ2ZR	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
QLFF6J	1) Test for saliva is a non-routine test which is conducted only upon request by investigating officer. 2) Based on the scenario stated, it was not necessary to conduct test for semen.
QVZGBX	The analyst conducted KM testing with the following results. #3 KM(+), #4 KM(+), #3 and #4 were screened for blood in the Forensic Biology Section w/ the following results: #3: RSID - blood (pos), Hematrace (pos), O-tol (pos). #4: RSID - blood (pos). The overlapping loci between Identifiler plus and Fusion 6c for #1 and #2 were concordant.
QXDDYA	STRMix interpretation software was utilized for item(s). Allele calls are based on the genotype probability distribution list so additional alleles may be present as any allele given a weight as a possible true allele was documented. Male screening interpretation, review, and report writing was covered in this proficiency test.
R3EAVF	Minifiler was used to amplify Item 4. Concordant results were obtained with Item 4 for Identifiler Plus and Minifiler.
RAUZBE	Part I: Screening tests were not performed because this testing is outside of the job description for a Forensic Technician. Part II (mitochondrial DNA) and Part III (DNA Interpretation): These were not performed because this testing is outside of the job description for a Forensic Technician. Part II (DNA Results for Known Item 2): Apparent n-8 artifact observed at DYS570 and labeled as 12 (2.88%) for item 2, determined by [Name] upon technical review.
RLBFNF	Minifiler was also used to amplify item 4. Concordant results were obtained for item 4 with Identifiler Plus and Minifiler.

TABLE 8

WebCode	Additional Comments
TL6RDE	Part I: Screening Tests was not performed since I have not completed my body fluid identification training. The screening results were provided to me by my supervisor.
TNYBNT	TECHNICIAN PROFICIENCY
U4YCJJ	NR= No Results
UDN2HT	Y-STRs not performed in this regional lab. MiniFiler is performed only on the first test of the year. Mitochondrial DNA testing in not performed in this laboratory system.
UFR9Q7	1. Item 1 and 2 were extracted using the in-situ extraction method. 2. Item 3 and 4 were extracted using the Promega DNA IQ on Tecan Freedom EVO 150. 3. Item 3 and 4 were quantitated using Quantifiler Human DNA Quantitation Kit 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 kit on Item 1 to 4. 6. Electrophoresis was carried out on Genetic Analyzer 3130XL. 7. Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results.
ULKBXC	For item 3, elevated stutter noted at D16S539 (12 allele) and at D12S391 (24 allele).
UZK3NN	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
V3QUAA	Elevated n-5 stutter was noted at locus DYS643 (4.4%, stutter cut off is 4% for kit)
VG3BC6	1. Item 1 and Item 2 were amplified by using AmpFiSTR Identifiler Direct. 2. Item 3 and Item 4 were extracted by using Promega DNA-IQ Purification Kit on TECAN Freedom EVO. 3. Quantification was carried out by using Quantifiler Human DNA Quantification kit. 4. Item 3 and Item 4 were amplified by using AmpFiSTR Identifiler Plus. 5. AmpFiSTR Minifiler was used for Item 3. 5. AmpFiSTR Yfiler were used for Y-STR analysis on Item 2 and Item 3. 6. Reagent blank, positive and negative control were also incorporated.
VHFZJN	Minifiler was performed on Item 4. The Minifiler results were concordant with the Identifiler Plus results at all overlapping loci.
VV8LR6	Biology Screening Only. Amylase Diffusion is a presumptive test for the presence of amylase.
VZHLJ	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
WA2NM3	^ = Allele Below Stochastic Threshold
WPT26V	[From Table 3- Amplification Kit(s) & YSTR Results: Item 1 - YSTR Results and -Item 4-YSTR Results: "NR = No Results"]
WPU9H6	Item 3: 12 peak at D16S539 is at 270 RFU, interpreted as elevated -4 stutter (11.1%, 10.2% allowed)
WUQMCL	Probabilistic genotyping was used to aid in mixture interpretation. Item 4: Lab SOP indicates on single source interpretations, once we have made an association further comparisons are not required.
XEAF6E	Items 3 and 4 were screened for the presence of semen (PSA) by a serologist who was not undergoing a proficiency test at this time. Since the items were negative for PSA, they were extracted non-differentially.
XYWZ9B	Item 3 (Yfiler): elevated stutter noted at DYS19 (was labelled OL and allele 16) and DYS385 (was labelled as allele 17).
Y44X8G	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 mixed

TABLE 8

WebCode	Additional Comments
Y44X8G	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 mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Item 1 and Item 3, and between Item 2 and Item 3.
Y8P3WK	Screening tests performed by Forensic Biology Analyst. DNA analyst additionally performed KM testing.
Y9HDX9	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-File PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzers with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
YGEBMW	Sample from item 4 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.
YJZ7BA	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
YLKY46	1. The DNA mixture detected in sample Q3 is consistent with originating from at least two individuals, at least one of whom is male. The DNA mixture detected in this sample is 559.9 billion times more likely to occur under the scenario that it originated from the suspect and a random unrelated individual as opposed to the scenario that it originated from two random unrelated individual in the African American population, 14.05 billion times more likely to occur under the same scenario that it originated from the suspect and a random unrelated individual as opposed to the scenario that it originated from two random unrelated individuals in the Caucasian population and 11.52 billion times more likely to occur under the scenario that it originated from the suspect and a random unrelated individual as opposed to the scenario that it originated from two random unrelated individuals in the Hispanic population. The victim is excluded as a source of the DNA detected in this sample. 2. The DNA detected in sample Q4 is consistent with originating from a female source. The DNA detected in this sample matches the DNA profile obtained from Sample K1. To a reasonable degree of scientific certainty, and excluding an identical twin, the victim is the source of the DNA detected in this sample. The suspect is excluded as a source of the DNA detected in this sample.
YPMT7F	STRmix probabilistic genotyping software was used to determine genotype combinations. No stutter filters are used when using this software and it is admitted that some stutter peaks can be recognized as true peaks.
YRVV7T	[From Table 3 - Amplification Kit(s) & YSTR Results- Item 1 and Item 4: "NR = No Result"]
YT8FMM	^ =possible stutter, <parent peak*stutter filter + 50 rfu. See Item 3, DYS389II and DYS385a/b. For DYS389II, filter=13.85%; 31 peak=2134 rfu, maximum stutter=296 rfu; 30 peak=309 rfu. For DYS385a/b, filter=13.90%; 18 peak=1277 rfu, maximum stutter=178 rfu; 17 peak=214 rfu.
YTB3H3	STRMix interpretation software was utilized for items 3 and 4. Allele calls are based on the genotype probability distribution list so additional alleles may be present as any allele given a weight as a possible true allele was documented. Male screening interpretation, review, and report writing was covered in this proficiency test.

TABLE 8

WebCode	Additional Comments
YUGYEQ	NA = not applicable
YUXGP4	Item 3 was a mixture of DNA. the suspect ref may be a contributor to this sample. minifiler, sgmplus and identifiler results for item 3 and 4 were concordant at the DNA sites in common. Yindel results for item 2 are from Globalfiler. DYS391 was concordant between Globalfiler and Yfiler Plus for item 2.
YYBQQU	Y-STR analysis was not performed on Items 1 and 4 because no male DNA was detected using Quantifiler Duo.
Z4JJCC	Note: use of ^ indicates peak below stochastic threshold as per [Agency] policy
Z6FEUZ	A mixed DNA profile was obtained from Item 3, originating from most likely two males. The suspect cannot be excluded as a possible contributor to this sample.
Z9FZTC	Items 3 and 4 were PSA tested to determine whether or not a differential extraction needed to be performed. Item 3 PSA test result: negative for semen. Item 4 PSA test result: negative for semen.
ZB2ZVE	STRmix probabilistic genotyping software was used to determine genotype combinations. No stutter filters are used when using this software and it is admitted that some stutter peaks can be recognized as true peaks.
ZJVU67	1) Item 1 and Item 2 were extracted in-situ and amplified directly using Identifiler Direct Kit. 2) Item 3 and Item 4 were extracted via Chelex method, quantified using DNA Human Quantification Kit and amplified using Identifiler Plus Kit. 3) Item 1, Item 2, Item 3 and Item 4 were also amplified using Y-filer Kit, whereas Item 3 and Item 4 were further amplified using Minifiler Kit. 4) All of these amplified products were analysed (Electrophoresis) using Genetic Analyzer 3130XL. 5) A single DNA profile of a female and a male were obtained from Item 1 and Item 2. 6) A mixed DNA profile of at least two individual was obtained from Item 3, DNA profile of Item 2 was one of the contributors. 7) A single DNA profile of a female was obtained from Item 4 which matched DNA profile of Item 1.
ZXWLTV	Variable preferential amplification occurred for Item 4. Peak heights in profile ranged from 5663rfu for homozygous (CSF) down to 272rfu for heterozygous (D7). No degradation or inhibition pattern was observed. Extreme variation in peak heights appeared random.
ZZQ9RE	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 16-575: Forensic Biology

DATA MUST BE RECEIVED BY November 7, 2016 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB, ANAB or A2LA.

Scenario:

Police are investigating the slashing of a female victim. According to the statements made by the victim, she was working as a security guard at the local mall when she responded to a call about an altercation in a clothing store. Upon her arrival, she noted two males involved in a struggle. Both males had knives and both were bleeding. During the intervention of the fight, the female security guard (the victim) was slashed and cut across her forearms. Both of the males then fled the scene, at which time the mall security cameras captured images of the two males. Based on this security footage, a suspect was identified and apprehended within the area within 20 minutes of the incident. A search of the suspect did not uncover a knife, but red stains were noted on the suspect's shirt. Evidence at the scene of the incident was collected, which included a stained dress shirt that was for sale within the store. Investigators are now submitting the following evidence for analysis; stains from the shirt collected from the store (Item 3) and the suspect's shirt (Item 4). Also submitted are blood samples from the female victim and male suspect.

Items Submitted (Sample Pack B5):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from shirt collected from store (white and silver zig-zag material)

Item 4: Questioned stain from suspect's shirt (purple and white checkered material)

Please return all pages of this data sheet.

Page 1 of 10

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this page. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed. TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	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
Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 3 Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 4 Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Please return all pages of this data sheet.

Part II: DNA ANALYSIS

DNA Analysis Instructions:

Use the instructions below to complete the following DNA Analysis sections of this data sheet.

- * Report alleles in numerical order, separated by a comma.
- * Follow your laboratory policy for reporting homozygotes.
- * 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
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

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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 only additional kit specific information in the blank provided (i.e.16, Direct, 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 only additional 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.

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 only additional kit specific information in the blank provided (i.e.16, Direct, 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 only additional 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"/>

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 only additional kit specific information in the blank provided (i.e.16, Direct, etc.).

COfiler®/Profiler Plus® _____ PowerPlex® _____

Identifiler® _____ Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

YSTR Amplification Kit(s) Used For Item 3: Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e.Plus, 23, etc.).

Yfiler® _____ PowerPlex® Y _____

Other _____

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

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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 only additional kit specific information in the blank provided (i.e.16, Direct, 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 only additional 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.

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.

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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.

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by November 07, 2016 to be included in the report. Emailed data sheets are not accepted.		ONLINE DATA ENTRY: www.cts-portal.com
QUESTIONS?	TEL: +1-571-434-1925 (8 am - 4:30 pm EST)	FAX: +1-571-434-1937
EMAIL: forensics@cts-interlab.com www.ctsforensics.com	MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA	

Please return all pages of this data sheet.

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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. **16-575: Forensic Biology**

This release page must be completed and received by **November 7, 2016** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory

ASCLD/LAB Certificate No. _____

ANAB Certificate No. _____

A2LA Certificate No. _____

Step 2: Complete the Laboratory Identifying Information in its entirety

Signature and Title _____

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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