



Forensic Biology Test No. 16-574 Summary Report

This proficiency test was sent to 810 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 664 participants (82% 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 clean, white muslin (Items 1 & 2), and two questioned stains; one on clean, green material (Item 3) and one on clean, blue 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 (50 μ l) and Item 3 (50 μ l) were created using blood collected from a female donor, Item 2 (50 μ l) was created using blood collected from a male donor. The Item 4 (50 μ l) stain contained blood from the Item 1 female donor and semen from a second male donor whose known 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 July 19, 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.

UPDATE- Mitochondrial HVRII section updated to include Item 4 consensus bases as of 11/22/2016.

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	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17	17,22.2	9.3,9.3	8,9	14,15
2	11,12	17,22	11,11	17,18	11,12	9,10
	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
	11,12	10,11	24.2,25.2	9,9.3	8,11	14,17
3	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17	17,22.2	9.3,9.3	8,9	14,15
4-Blood	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17	17,22.2	9.3,9.3	8,9	14,15
4-Semen	17,17.3	19,22	11.3,12	15,16	12,12	10,11
	12,14	13,16	18,23	10,11	10,10	13,15
	13,15	30,30.2	15,16	X,Y	11,11	18,22
	11,13	7,13	16,17	6,9.3	8,8	16,19

<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	14	11,14	13	29	23	11	13	13
	15	12	12	19	15	20	23	13
	13	18	18	23	10	12	2	
4-Semen	14	11,14	13	29	23	11	13	14
	15	12	12	19	15	16	22	12
	13	20	17	23	11	12	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	42-400	16024-16391
2	49-400	16024-16391
3	42-390	16024-16390
4		

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

	64.0	73.0	146.0	153.0	235.0	263.0	309.1	309.2	315.1	16111.0	16129.0	16223.0	16290.0	16319.0	16362.0
ITEM 1	T	G	C	G	G	G	C	C	C	T	A	T	T	A	C

	263.0	309.1	315.1
ITEM 2	G	C	C

	64.0	73.0	146.0	153.0	235.0	263.0	309.1	309.2	315.1	16111.0	16129.0	16223.0	16290.0	16319.0	16362.0
ITEM 3	T	G	C	G	G	G	C	C	C	T	A	T	T	A	C

	263.0	315.1
ITEM 4	G	C

Summary Comments

The 16-574 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 and Item 3 were created with blood from a female donor. Item 2 was created with blood collected from a male donor. The Item 4 mixture contained the blood from the Item 1 female donor and semen 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 664 participants, of these, 640 reported serology screening results, and 615 reported DNA results.

Screening Test Results:

For Item 3, of the 640 participants that returned serology screening results, 629 participants reported "Positive" (Pos) for the presence of blood. 605 participants returning results for the presence of semen reported "Negative" (Neg). There were 182 participants that reported "Negative" (Neg) results for the presence of saliva and seven that reported "Inconclusive" (Inc).

For Item 4, of the 640 participants that returned serology screening results, 629 participants reported "Positive" (Pos) for the presence of blood. There were 623 participants returning results for the presence of semen that reported "Positive" (Pos), and two that reported "Negative" (Neg). There were 175 participants that reported "Negative" (Neg) results for the presence of saliva and four that reported "Inconclusive" (Inc).

DNA Analysis Results:

Of the 615 participants reporting DNA data, 603 participants reported DNA interpretation results for the comparison of Item 3 against the victim's profile (Item 1) and the suspect's profile (Item 2). There were 601 participants that reported DNA interpretation results for Item 4 against the victim's profile (Item 1) and the suspect's profile (Item 2). There were 8 participants that stated they analyzed the samples for database purposes only, while 4 participants left this section blank and 2 participants left the results for Item 4 blank while reporting the results for Item 3.

For the Item 3 stain, 603 participants included the victim (Item 1) as a possible contributor, while twelve participants reported no conclusions. A total of 603 participants excluded the suspect (Item 2) as a possible contributor to this stain, while twelve participants reported no conclusions.

For the Item 4 mixture, 596 participants included the victim (Item 1), while one participant excluded the victim, four reported inconclusive results, and twelve participants reported no conclusions. A total of 599 participants excluded the suspect (Item 2) as a possible contributor to the Item 4 mixture, while two participants reported inconclusive results, and twelve participants reported no conclusions..

Eighty participants reported allelic results that differed from the consensus/predistribution results. Of these, twenty-three participants were missing alleles at one or more loci, thirty-eight participants reported additional alleles at one or more loci, sixteen participants reported inconsistent alleles at one or more loci, and three participants reported a combination of missing/additional/inconsistent alleles. For twelve of the thirty-eight participants that reported additional alleles, it was specifically noted that the additional alleles were 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
223HBM				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
23QUWL				
Item 3	Pos Hemastix, ABA HemaTrace Confirmatory	Neg AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, ABA HemaTrace Confirmatory	Pos AP, PSA, Micro	Neg RSID-Saliva	
23XZCN				
Item 3	Pos KM, HemaTrace	Neg PSA	NT	
Item 4	Pos KM	Pos AP, Micro	Neg RSID	
2422BT				
Item 3	Pos KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos KM	Pos AP, Micro for Sperm	NT	
2BJ3GC				
Item 3	Pos KM, HemaTrace	Neg ALS, BCIP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos ALS, BCIP, p30, Micro	Neg Phadebas	
2BNLHL				
Item 3	Pos PNT, ABACard(Hb)	Neg AP, ABACard(p30)	Neg RSID	
Item 4	Pos PNT, ABACard(Hb)	Pos AP, ABACard(p30), Micro	Neg RSID	
2C6HAL				
Item 3	Pos TMB, Takayama, RSID	Neg AP, PSA, Micro	NT	
Item 4	Pos TMB, Takayama, RSID	Pos AP, PSA, Micro	NT	
2EHJU7				
Item 3	Pos hemoglobin specific antigen	Neg PSA	NT	
Item 4	Pos hemoglobin specific antigen	Pos PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2EMZ6C				
Item 3	NT	Neg AP	NT	Male DNA, Neg Y-screening
Item 4	NT	Pos AP	NT	Male DNA, Pos Y-screening
2KV2NU				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
2MZTG8				
Item 3	Pos P/TMB	Neg AP, ALS	NT	
Item 4	Pos P/TMB	Pos AP, Micro, ALS	NT	
2NVCH9				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
2QQZ7M				
Item 3	Pos TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
2VRZPR				
Item 3	Pos KM, Human Hemoglobin	Neg AP, Microscopy for Sperm	NT	
Item 4	Pos KM, Human Hemoglobin	Pos AP, Microscopy for Sperm	NT	
2XHB9E				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
2YGFRU				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
2Z4KXY				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2ZQHDT				
Item 3	Pos PTMB	Neg AP, ALS	NT	
Item 4	Pos PTMB	Pos AP, Micro, ALS	NT	
38MNVZ				
Item 3	Pos KM, HT	Neg ALS, AP, Micro	Neg Amy	
Item 4	Pos KM, HT	Pos ALS, AP, Micro	Neg Amy	
3B8HW8				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Pos AP, PSA, Micro (Christmas Tree, Sperm Hyliter)	NT	
3E4D69				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
3E7UR8				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro (Christmas Tree, Sperm Hyliter, PSA)	NT	
3EPZQX				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
3J3KXJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
3JQVWH				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
3M7V36				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
3PKZFV				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP	NT	
3PPGET				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
3T7RF4				
Item 3	Pos KM, HB	Neg ALS, AP, PSA	NT	
Item 4	Pos KM, HB	Pos ALS, AP, Micro	NT	
3W9MBZ				
Item 3	Pos PHT	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos PHT	Pos ALS, AP, p30	NT	Human Origin, Pos HemaTrace
3YRP4R				
Item 3	Pos TMB; HemaTrace	Neg AP	NT	
Item 4	Pos TMB; HemaTrace	Pos AP; PSA; Micro (H&E staining)	NT	
3ZG48H				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Pos AP		
43A8YG				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
43LNJ2				
Item 3	Pos KM, HemaTrace (ABAcards)	Neg ALS, AP	Inc SAlIgAE	
Item 4	Pos KM, HemaTrace (ABAcards)	Pos ALS, AP, PSA, Micro	Inc SAlIgAE	
43QJE2				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
44DED2				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
47396G				
Item 3	Pos LMG, HemaTrace	Neg ALS, Micro, p30		
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, p30		
479LKL				
Item 3	Pos KM, HemaTrace	Neg AP, ALS	NT	Human protein, Pos ELISA Speciation
Item 4	Pos KM, HemaTrace	Pos AP, ALS, Micro	NT	Human protein, Pos ELISA Speciation
47AHUG				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro, p30	NT	
48DXKM				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
48XYMC				
Item 3	Pos KM, HemaTrace (ABAcard)	Neg Micro, p30 (ABAcard)	NT	Alternate Light Source (ALS), Neg Crime-Lite
Item 4	Pos	Pos	NT	Alternate Light Source (ALS), Pos Crime-Lite
4CPYPQ				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	Neg Amylase	
4EJ6KW				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
4FT23U				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
4JNTWK				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Pos AP		
4KBC46				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
4KMXT7				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Duo
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Duo
4MC82M				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
4NGTD2				
Item 3	Pos TMB, RSID	Neg ALS, AP, PSA	Neg RSID	
Item 4	Pos TMB, RSID	Pos ALS, AP, PSA	Neg RSID	
4Q6WWD				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
4QTRM3				
Item 3	Pos KM	Neg BCIP	NT	
Item 4	Pos KM	Pos BCIP, p30, Micro	NT	
4TEE3H				
Item 3	Pos KM	Neg ALS, AP, p30, Micro	Neg Radial gel Diffusion	
Item 4	Pos KM	Pos ALS, AP, p30, Micro	Neg Radial gel Diffusion	
4TZR63				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
4U672M				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
4UNW9L				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Pos AP	NT	
4X8JU2				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
4XMX2B				
Item 3	Pos KM, HemaTrace	Neg ALS, Micro, p30	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, Micro	NT	
4YKFEQ				
Item 3	Pos KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos KM	Pos AP, Micro for Sperm	NT	
4YR8J2				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
63M9BH				
Item 3	Pos ALS, KM, ABA card, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos ALS, KM, ABA card, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
63XBJA				
Item 3	Pos Hemastix	Neg AP		
Item 4	Pos Hemastix	Pos AP		
67MGET				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
67WLEA				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP	NT	
68Y8R3				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
69R977				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
6BFFV9				
Item 3	Pos KM	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM	Pos AP, Micro	Neg RSID-Saliva	
6BTDLL				
Item 3	Pos FOB	Neg PSA	NT	
Item 4	Pos FOB	Pos PSA	NT	
6DLUM9				
Item 3	Pos Red-brown, PPTH, O-tol	Neg AP, Micro	NT	
Item 4	Pos Red-brown, PPTH, O-tol	Pos AP, Micro	NT	
6F7V33				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
6J9TQ3				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
6K4CT4				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6KLLKJJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
6KM99A				
Item 3	Pos KM	Neg AP, Micro, ABACard	Neg Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro, ABACard	Neg Radial Diffusion	
6LFBPX				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
6NB3H3				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
6NDTQ7				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
6QT336				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
6UQDBY				
Item 3	Pos LMG, HT	Neg AP, Micro., PSA	NT	
Item 4	Pos LMG, HT	Pos AP, Micro.	NT	
6UUWX2				
Item 3	Pos PTMB, HemaTrace	Neg ALS	NT	
Item 4	Pos PTMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
6V3662				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6WCNZJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
6X9LKJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
6XD3HH				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas Press	
Item 4	Pos KM, ABACard	Pos AP, p30	Neg Phadebas Press	
6XREDG				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
6YELBB				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
73FHKB				
Item 3	Pos Hemastix	Neg AP/PSA	Neg RSID	Human Blood, Pos HemaTrace
Item 4	Pos Hemastix	Pos AP/PSA/Micro	Neg RSID	Human Blood, Pos HemaTrace
768CKZ				
Item 3	Pos HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos HemaTrace	Pos AP, Micro	Neg RSID-Saliva	
76DRZX				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Inc SALIgAE	Semen/Saliva, Neg ALS
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Inc SALIgAE	Semen/Saliva, Neg ALS
78UAUC				
Item 3	Pos LMG	Neg ALS, AP, Micro	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7DVZPU				
Item 3	Pos O-tol, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos O-tol, HemaTrace	Pos AP, PSA	Neg RSID	
7HG39U				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
7HWBB4				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
7KYEWX				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
7L9MN6				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
7LUWYZ				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
7NCRBJ				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
7PPRKF				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	
7PWX2H				
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7TVAWH				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
7UPZ3W				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
7VWEA3				
Item 3	Pos PTMB	Neg ALS, AP, Micro	NT	
Item 4	Pos PTMB	Pos ALS, AP, Micro	NT	
7W44MZ				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, PSA	NT	
7WRZ3T				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
7Y3T79				
Item 3	Pos O-tol	Neg AP, Micro	Neg RSID	
Item 4	Pos O-tol	Pos AP, Micro	Neg RSID	
7ZXAH6				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
87882G				
Item 3	Pos KM, HemaTrace			
Item 4	Pos KM, HemaTrace	Pos AP, Microscopy		
88Q4VU				
Item 3	Pos Hemident, HemaTrace	NT	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-Liter Express	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
89LMWV				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Amylase Diffusion Test	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Amylase Diffusion Test	
8APA72				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
8C4MCB				
Item 3	Pos O-tol	Neg AP, ALS	NT	Human Blood, Pos RSID
Item 4	Pos O-tol	Pos AP, ALS	NT	Human Blood, Pos RSID
8CJVDY				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
8CME3M				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
8DAG9A				
Item 3	Pos HemaTrace, Phenolphthalein	Neg PSA, Micro	Neg RSID	Y DNA, Neg Y-Screening
Item 4	Pos HemaTrace, Phenolphthalein	Pos PSA, Micro	Neg RSID	Y DNA, Pos Y-Screening
8DY6EC				
Item 3	Pos LMG	Neg AP, ALS	NT	
Item 4	Pos LMG	Pos AP, ALS, Micro	NT	
8FDHJK				
Item 3	Pos KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos KM	Pos AP, Micro for Sperm	NT	
8KTJQX				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8NVKTF				
Item 3	Pos KM, HemaTrace	Neg AP, RSID-Semen, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID-Saliva	
8Q6H9H				
Item 3	Pos TMB	Neg AP		
Item 4	Pos TMB	Pos AP, Micro		
8QE6CG				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
8REFW8				
Item 3		Neg AP, ALS		
Item 4		Pos AP		
8YN26A				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
8YXTJD				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
8YZHPV				
Item 3	Pos Hemident, HemaTrace	NT	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-liter Express	NT	
8ZZAJG				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
93RYQN				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
94ZCVJ				
Item 3	Pos LMG	Neg PSA		
Item 4	Pos LMG	Pos PSA		
98H28L				
Item 3	Pos KM	Neg AP, PSA, Micro, ALS	NT	
Item 4	Pos KM	Pos AP, PSA, Micro, ALS	NT	
98LTQB				
Item 3	Pos TMB, TAK, RSID	Neg PSA, Micro	NT	
Item 4	Pos TMB, TAK, RSID	Pos PSA, Micro	NT	
99GCRC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
99PGER				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro and PSA	NT	
9GHPZH				
Item 3	Pos KM	Neg PSA, AP, Micro, ALS	NT	
Item 4	Pos KM	Pos PSA, AP, Micro, ALS	NT	
9KK3RW				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
9KLT2Z				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
9M2YX4				
Item 3	Pos LMG, HemaTrace	Neg Brentamine	NT	
Item 4	Pos LMG, HemaTrace	Pos Brentamine, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9MKQWF				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
9Q9B6G				
Item 3	Pos KM	Neg AP, ALS, PSA, Micro	NT	
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT	
9VQK42				
Item 3	Pos PTMB	Neg ALS; AP	NT	
Item 4	Pos PTMB	Pos ALS; AP; Micro	NT	
9Y94PG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
9YF3AT				
Item 3	Pos Hemident, HemaTrace	NT	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-Liter Express	NT	
9YV8KC				
Item 3	Pos Hemastix, HemaTrace	Neg PSA	NT	
Item 4	Pos Hemastix, HemaTrace	Pos PSA	NT	
A4HH8F				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
A6PX2E				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
A778DE				
Item 3	Pos KM	Neg BCIP, ALS	NT	
Item 4	Pos KM	Pos BCIP, Micro, ALS	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
A9NEE9				
Item 3	Pos KM, HemaTrace	Neg ALS, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, Micro	NT	
AB3KDW				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
ABU7FF				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
ADMPMF				
Item 3	Pos KM, HemaTrace card	Neg AP	Neg RSID card	
Item 4	Pos KM, HemaTrace card	Pos AP, Micro	Neg RSID card	
ADPAKG				
Item 3	Pos KM, ABA	Neg AP	Neg Phadebas	
Item 4	Pos KM, ABA	Pos AP, p30	Neg Phadebas	
AHWBB6				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
AJAEAB				
Item 3	Pos Hemastix, KM, LMG, RSID	Neg AP, RSID, Micro	Neg Phadebas, RSID	Species-Human, Pos Oucherlony
Item 4	Pos Hemastix, KM, LMG, RSID	Pos AP, RSID, Micro	Neg Phadebas, RSID	Species-Human, Pos Oucherlony
AJDT4Y				
Item 3	Pos KM, HB	Neg AP	NT	
Item 4	Pos KM, HB	Pos AP, Micro, PSA	NT	
AKPJ43				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
AN698C				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
APJLXU				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
APXYDQ				
Item 3	Pos KM, HemaTrace	Neg AP		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro		
AQF2AR				
Item 3	Pos KM, HemaTrace	Neg AP, p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
AQTLTB				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	
AYQDEC				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
AYUNJV				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
AYWXKY				
Item 3	Pos tmb	Neg AP, ALS	NT	
Item 4	Pos tmb	Pos AP, Micro, ALS	NT	
B3U8HY				
Item 3	Pos LMG, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, ALS, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
B8P2FZ				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, ALS	Neg RSID, ALS	ALS, Neg
Item 4	Pos KM, HemaTrace	Pos AP, Micro, ALS	Neg RSID, ALS	ALS, Neg
BAK2UC				
Item 3	Pos KM	Neg ALS, FBB	NT	
Item 4	Pos KM	Pos ALS, FBB, PSA	NT	
BFXM3H				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
BG3J2R				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin Testing, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin Testing, Pos HemaTrace
BGKFGX				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
BHGWRA				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
BJL4JU				
Item 3	Pos KM	Neg AP, Micro, PSA	Neg SALIgAE	
Item 4	Pos KM	Pos AP, Micro, PSA	Neg SALIgAE	
BMLFFU				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Inc SALIgAE	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Inc SALIgAE	
BNUVZ2				
Item 3	Pos HemaTrace	Neg P30	Neg alpha Amylase	
Item 4	Pos HemaTrace	Pos P30, Micro, Sg	Neg alpha Amylase	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BQCNEH				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
BQCYV7				
Item 3	Pos O-tol	Neg AP	NT	Human Blood, Pos RSID-Blood
Item 4	Pos O-tol	Pos AP, Micro	NT	Human Blood, Pos RSID-Blood
BV8TT8				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
BVB49B				
Item 3	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
BVEVFE				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	Sperm, Pos Microscopic
BVL2VG				
Item 3	Pos PHT	Neg AP	NT	
Item 4	Pos PHT	Pos AP	NT	
BVPFRP				
Item 3	Pos KM, Hema	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, Hema	Pos AP, PSA, Micro	Neg Phadebas	
BVUGPF				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
BWRZZB				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BYPQMP				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
C72DN6				
Item 3	Pos Hemastix and HemaTrace	Neg AP	Neg RSID	
Item 4	Pos Hemastix and HemaTrace	Pos AP and Micro	Neg RSID	
CAPN8U				
Item 3	Pos KM	Neg AP	Inc Phadebas	Fluorescence, Neg ALS
Item 4	Pos KM	Pos AP, PSA, Micro	NT	Fluorescence, Neg ALS
CAU9XJ				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	Neg Amylase	
CB4KQ2				
Item 3	Pos KM, HemaTrace	Neg BCIP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos BCIP, PSA, Micro	Neg Phadebas	
CCE2PD				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
CGWL6M				
Item 3	Pos KM	Neg ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
CH8WXC				
Item 3	Pos pth, HT	Neg AP, PSA, Micro, ALS	NT	
Item 4	Pos pth, HT	Pos AP, PSA, Micro, ALS	Neg SALigAE	
CHT68N				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CJEEW9				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
CLB327				
Item 3	Pos HS, HT, KM	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos HS, HT, KM	Pos AP, PSA, Micro	Neg RSID	
CLU6A7				
Item 3	Pos Hemastix, Takayama, RSID	Neg PSA, Micro	NT	
Item 4	Pos Hemastix, Takayama, RSID	Pos PSA, Micro	NT	
CMJF4F				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
CMNWFK				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
CNCXUZ				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
CPKF7X				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
CPXRAP				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
CQPY88				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CQTACQ				
Item 3	Pos TMB	Neg AP, ALS	NT	
Item 4	Pos TMB	Pos ALS, AP, PSA, Micro	NT	
CTD3MT				
Item 3	Pos KM, HB HemaTrace	Neg AP	NT	
Item 4	Pos KM, HB HemaTrace	Pos AP, Micro, PSA	NT	
CUBAR7				
Item 3	Pos O-tol	Neg AP		
Item 4	Pos O-tol	Pos AP, Micro		
CW8B4V				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
CWDBR4				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
CYY6KX				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Amylase (Phadebas)	Human DNA Detected, Pos Quantifiler Duo
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Amylase (Phadebas)	Human DNA Detected, Pos Quantifiler Duo
D2GNXZ				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
D2WAUV				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
D4GMNC				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
D8BKMR				
Item 3	Pos PTMB, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
D8FXKC				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
D9H3LM				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
D9PZ6Y				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP/Micro	NT	
DDPY4U				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas Amylase	fluor., Neg ALS
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas Amylase	fluor., Pos ALS
DH7UXU				
Item 3	Pos FOB, HemoPhan	Neg PSA, AP	Neg RSID-Saliva	
Item 4	Pos FOB, HemoPhan	Pos PSA, AP	Neg RSID-Saliva	
DK7UJP				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
DKNQ4C				
Item 3	Pos TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
DMBVRW				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DPTG67				
Item 3	Pos TMB, Micro Tak., RSID	Neg PSA, Micro Sperm	NT	
Item 4	Pos TMB, Micro Tak., RSID	Pos PSA, Micro Sperm	NT	
DTQ3T3				
Item 3	Pos KM	Neg Micro, PSA	NT	
Item 4	Pos KM	Pos Micro	NT	
DVT4HD				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA		
Item 4	Pos LMG, HemaTrace	Pos AP, PSA		
DVUZ4V				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
DZ2RTU				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
E2Z6EE				
Item 3	Pos H'stix, HemaTrace	Neg AP, p30, H&E	Neg RSID	
Item 4	Pos H'stix, HemaTrace	Pos AP, p30, H&E	Neg RSID	
E3Q82U				
Item 3	Pos Phenolphthalein	Neg BCIP	NT	
Item 4	Pos Phenolphthalein	Pos BCIP, Micro, p30	NT	
E927TM				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
ECXUAU				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP & PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
EEH8NJ				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
EFXZT8				
Item 3	Pos KM, HT	Neg AP	NT	
Item 4	Pos KM, HT	Pos AP, Micro	NT	
EGRQYL				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
EJBE68				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
EJJX74				
Item 3	Pos LMG	Neg AP, ALS		
Item 4	Pos LMG	Pos ALS, AP, Micro		
EJY77R				
Item 3	Pos PTMB & HemaTrace	Neg AP	NT	
Item 4	Pos PTMB & HemaTrace	Pos AP & Micro	NT	
EK4UAV				
Item 3	Pos LMG, Human HB ASSAY	Neg AP		
Item 4	Pos LMG, Human HB ASSAY	Pos AP		
ELXKFA				
Item 3	Pos O-tol, species id	Neg AP, Micro	Neg Amylase Diffusion	Urine, Feces, Neg DMAC, Creatinine, Urobilinogen
Item 4	Pos O-tol, species id	Pos AP, Micro	Neg Amylase Diffusion	Urine, Feces, Neg DMAC, Creatinine, Urobilinogen
ETFJXM				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ETL8L2				
Item 3	Pos LMG	Neg ALS, AP, PSA, Micro	Neg Phadebas	
Item 4	Pos LMG	Pos ALS, AP, PSA, Micro	Neg Phadebas	
EWXGR6				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, p30	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, p30	NT	
EXR24Q				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
EYR2GW				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
EZ9TW9				
Item 3	Pos TMB, Takayama, RSID	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB, Takayama, RSID	Pos ALS, AP, PSA, Micro	NT	
EZXRLK				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
F42EXV				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
F8ZRLL				
Item 3	Pos LMG	Neg ALS	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
FB74RM				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FCWCP6				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
FD932U				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro (Christmas Tree & Sperm Hyliter), PSA	NT	
FDGW98				
Item 3	Pos LMG, HemaTrace	Neg ALS, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, Micro, PSA	NT	
FEE82N				
Item 3	Pos KM	Neg ALS, AP, p30	NT	
Item 4	Pos KM	Pos ALS, AP, p30, Micro	NT	
FFB6NB				
Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press	
FGYQUT				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
FJTBZQ				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
FK8RKJ				
Item 3	Pos KM, HT	Neg ALS, AP	Neg Radial Diffusion	
Item 4	Pos KM, HT	Pos ALS, AP, Micro, PSA	Neg Radial Diffusion	
FL3ALK				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FM7HE6				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
FT74UV				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Duo
Item 4	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Duo
FVRVRJ				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
FWLLXX				
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro		
FZHEK2				
Item 3	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
G28EAC				
Item 3	Pos KM, Ouchterlony	Neg AP, PSA, Micro	Neg Amylase, Micro	Human, Pos Ouchterlony
Item 4	Pos KM, Ouchterlony	Pos AP, PSA, Micro	Neg Amylase, Micro	Human, Pos Ouchterlony
G2ANGN				
Item 3	Pos KM, Hb	Neg AP	NT	
Item 4	Pos KM, Hb	Pos AP, Micro, PSA	NT	
G34EL3				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
G38YCQ				
Item 3	Pos KM	Neg AP/PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Pos AP/PSA	Neg Phadebas	Blood, Pos HemaTrace

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
G4M9NN				
Item 3	Pos LMG	Neg AP, PSA	Neg RSID Saliva Test	
Item 4	Pos LMG	Pos AP, Microscopic test	Neg RSID Saliva test	
G4PXU7				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
G4TPZN				
Item 3	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SAlIgAE	Human Blood, Pos Hexagon OBTI
Item 4	Pos KM, O-tol	Pos AP, PSA, Micro	Neg SAlIgAE	Human Blood, Pos Hexagon OBTI
G6HQPP				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	Fluorescence, Neg ALS
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	Fluorescence, Neg ALS
G9H3J4				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
G9QBZR				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PTMB	Pos ALS, AP, Micro	NT	
GAKWV4				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GAPAPR				
Item 3	Pos KM, HB	Neg AP	NT	
Item 4	Pos KM, HB	Pos AP, Micro, PSA	NT	
GCBB9K				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GED2MM				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
GF9MFD				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP; Sperm SEARCH	NT	
GJ37VA				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GJNKJM				
Item 3	Pos KM			
Item 4	Pos KM	Pos ALS, AP, Micro		
GKKMEQ				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
GLGXJ7				
Item 3	Pos KM	Neg ALS, FBB	NT	
Item 4	Pos KM	Pos ALS, FBB, PSA	NT	
GMBJCW				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro (Christmas Tree, Sperm Hyliter), PSA	NT	
GMQ7LY				
Item 3	Pos O-tol	Neg AP, p30, Micro	Neg Amylase Diffusion	
Item 4	Pos O-tol	Pos AP, p30, Micro	Neg Amylase Diffusion	
GQ4HR8				
Item 3	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, p30, Micro	Neg ALS, SALIgAE	Human Origin, Pos HemaTrace, Quant Duo
Item 4	Pos Phenolphthalein, HemaTrace	Pos ALS, AP, p30, Micro	Neg ALS, SALIgAE	Human Origin, Pos HemaTrace, Quant Duo

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GRE7PL				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GU6XNH				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
GULNNG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GY4CAL				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
H2TRNN				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
H37F47				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
H7H93Z				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
H7TKUB				
Item 3	Pos TMB, Hem-Direct	Neg ALS, AP	NT	
Item 4	Pos TMB, Hem-Direct	Pos ALS, AP, Micro, PSA	NT	
H7UNVU				
Item 3	Pos KM	Neg AP, PSA	Neg RSID	
Item 4	Pos KM	Pos AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HB8QJB				
Item 3	Pos KM, Hemastix, HemaTrace	Neg AP, PSA, Micro (Sperm)		NT
Item 4	Pos KM, Hemastix, HemaTrace	Pos AP, PSA, Micro (Sperm)		NT
HC9L23				
Item 3	Pos KM	Neg ALS, AP		NT
Item 4	Pos KM	Pos ALS, AP, Micro		NT
HE667Z				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA		NT
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA		NT
HEF4ZX				
Item 3	Pos color, O-tol, ppth	Neg AP, Micro		NT
Item 4	Pos color, O-tol, ppth	Pos AP, Micro		NT
HETVN9				
Item 3	Pos KM, HemaTrace	Neg AP		Neg Phadebas Press
Item 4	Pos KM, HemaTrace	Pos AP, PSA		Neg Phadebas Press
HFJCRH				
Item 3	Pos KM	Neg AP, Micro		
Item 4	Pos KM	Pos AP, Micro		
HLAHCJ				
Item 3	Pos PTMB, HemaTrace	Neg AP		NT
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro		NT
HMYPHN				
Item 3	Pos TMB, HemDirect	Neg ALS, AP		NT
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA		NT
HMZHFV				
Item 3	Pos KM	Neg BCIP		Neg Phadebas
Item 4	Pos KM	Pos BCIP, p30, Micro		Neg Phadebas

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HPVZWP				
Item 3	Pos KM, HemDirect	Neg AP, Micro	NT	
Item 4	Pos KM, HemDirect	Pos AP, Micro	NT	
HRK946				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
HT8DBA				
Item 3	Pos KM	Neg AP/Micro for Sperm	NT	
Item 4	Pos KM	Pos AP/Micro for Sperm	NT	
HTBHZR				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro (Christmas Tree, Sperm Hyliter), PSA	NT	
HUATTA				
Item 3	Pos Hemastix, HemaTrace	Neg AP, p30	Neg RSID	
Item 4	Pos Hemastix, HemaTrace	Pos AP, p30, Micro	Neg RSID	
HXWKJP				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
HYWXC6				
Item 3	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
HZUXH4				
Item 3	Pos HemaTrace	Neg AP	NT	
Item 4	Pos HemaTrace	Pos AP, Micro	NT	
HZVJF6				
Item 3	Pos KM	Neg ALS, BCIP, Micro	NT	Amylase, Neg Amylase Diffusion
Item 4	Pos KM	Pos ALS, BCIP, Micro	NT	Amylase, Neg Amylase Diffusion

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
J2F3CU				
Item 3	Pos LMG	Neg	Neg	
Item 4	Pos LMG	Pos AP		
J49RVF				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA	NT	Human Origin, Pos HemaTrace
J4H6XP				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
J6FAUB				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PTMB	Pos ALS, AP, Micro	NT	
J7HT39				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas Press Test	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press Test	
J7NVFJ				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
JCP73R				
Item 3	Pos TMB (Hemastix), HemaTrace	Neg ALS, AP	NT	
Item 4	Pos TMB (Hemastix), HemaTrace	Pos ALS, AP, PSA, Micro	NT	
JDEQRV				
Item 3	Pos KM	Neg AP	Neg Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro	Neg Radial Diffusion	
JDQC36				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	Microscopic, Pos Micro

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JDR7WW				
Item 3	Pos LMG	Neg AP	Neg Phadebas	
Item 4	Pos LMG	Pos AP, Micro, PSA	Neg Phadebas	
JEQCFC				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
JFYJKQ				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quantifiler Duo
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quantifiler Duo
JGCM6W				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
JHZQK4				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
JKYVGQ				
Item 3	Pos Phenolphthalein	Neg ALS, AP, Micro	Neg Amylase	Human DNA detected, Pos Quantifiler Duo
Item 4	Pos Phenolphthalein	Pos ALS, AP, Micro	Neg Amylase	Human DNA detected, Pos Quantifiler Duo
JPPA2Q				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
JQWXEN				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
JQYNK7				
Item 3	Pos HemaTrace	Neg ALS	NT	
Item 4	Pos HemaTrace	Pos ALS, AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JR74UX				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
JW3R9J				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
JW6GF2				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro	NT	
JXMTQ2				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
JXPHWJ				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
JYFV8P				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
JZKJBT				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
K2EUWZ				
Item 3	Pos LMG, HemaTrace	Neg Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos Micro	NT	
K4LJNW				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
K6E7TZ				
Item 3	Pos LMG	Neg ALS, Micro., PSA	NT	
Item 4	Pos LMG	Pos ALS, AP, Micro	NT	
K6H6BW				
Item 3	Pos LMG	Neg AP, Micro, PSA	Neg Phadebus	
Item 4	Pos LMG	Pos AP, Micro, PSA	Neg Phadebus	
K6YD3C				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Neg ALS	NT	
KALVRZ				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
KARHTU				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
KDRTPU				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
KG43RD				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro		
KG7RYV				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
KM7BWK				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KPJEVP				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec	NT	
KPQDGM				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
KQN4YU				
Item 3	Pos KM, ABA-HemaTrace card	Neg Micro, ABA-p30 card	NT	Alternate Light Source, Neg
Item 4	Pos KM, ABA-HemaTrace card	Pos Micro	NT	Alternate Light Source, Neg
KQXG76				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
KTZF4Q				
Item 3	Pos LMG, Human HB ASSAY	Neg AP		
Item 4	Pos LMG, Human HB ASSAY	Pos AP		
KWGDHL				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
KZGBJK				
Item 3	Pos RSID Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos RSID Blood	Pos RSID-Semen	Neg RSID-Saliva	
KZW9XH				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
L2V2JG				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
L6RP2J				
Item 3	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALlgAE	Human Blood, Pos Hexagon OBTI
Item 4	Pos KM, O-tol	Pos AP, PSA, Micro	Neg SALlgAE	Human Blood, Pos Hexagon OBTI
L6THVB				
Item 3	Pos PTMB	NT	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
LBCEAC				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase	
LBE6GV				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
LEFGMF				
Item 3	Pos KM	Neg AP, ALS	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos AP, ALS, PSA	NT	Human Origin, Pos HemaTrace
LFUW6N				
Item 3	Pos KM	Neg AP	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
LFWDEF				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
LHDCF4				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
LJ6PMT				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LKZ9NU				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	Neg Amylase	
LNJ8Z4				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
LPDKD4				
Item 3	Pos KM	Neg AP	NT	ALS, Neg
Item 4	Pos KM	Pos AP, Micro	NT	ALS, Neg
LPDQ7C				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
LR8W2G				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Amylase Diffusion	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg Amylase Diffusion	
LVP9PL				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
LYLTHJ				
Item 3	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Pos Hexagon OBTI
Item 4	Pos KM, O-tol	Pos AP, PSA, Micro	Neg SALIgAE	Human Blood, Pos Hexagon OBTI
LZBRHF				
Item 3	Pos TMB, HemaTrace	Neg AP	NT	
Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	NT	
M26CWL				
Item 3	Pos TMB, HemDirect	Neg ALS, AP		
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
M3ZVXM				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
M66HFX				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Pos AP		
M72X3G				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
M94WZ3				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
MA6TLJ				
Item 3	Pos PTMB, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
MAVKA3				
Item 3	Pos KM	Neg AP, Micro, ALS	NT	
Item 4	Pos KM	Pos AP, PSA, Micro, ALS	NT	
MBP73U				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
MBXG8Z				
Item 3	Pos TMB, Takayama	Neg ALS, PSA, Micro	NT	
Item 4	Pos TMB, Takayama	Pos ALS, PSA, Micro	NT	
ME97E4				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ME9TLN				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
MF8VQK				
Item 3	Pos KM	Neg AP	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
MFMRRB				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
MFREVR				
Item 3	Pos Hemastix	Neg AP	Neg RSID-Saliva	
Item 4	Pos Hemastix	Pos AP, PSA, Micro	Neg RSID-Saliva	
MGHBUC				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
MHE7RU				
Item 3	Pos O-tol	Neg AP, ALS	NT	Human Blood, Pos RSID
Item 4	Pos O-tol	Pos AP, ALS	NT	
MJCGPH				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
MPXFWH				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg Phadebas	
MRZRLJ				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
MTPTCM				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
MZYL8K				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
N2GYXD				
Item 3	Pos KM	Neg PSA	Neg alpha-Amylase	
Item 4	Pos KM	Pos PSA	Neg alpha-Amylase	
N2HN6W				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	Neg Micro	
N3TV4H				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	Fluorescence, Neg ALS
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	Fluorescence, Neg ALS
N3VKAZ				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
N4DWLZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
N4ELRH				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
N6PH9F				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
N7CQ7B				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
N7K2BG				
Item 3	Pos KM, TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos KM, TMB, HemaTrace	Pos AP, Micro, ALS	NT	
N7QCFC				
Item 3	Pos O-tol	Neg AP / PSA		
Item 4	Pos O-tol	Pos AP / PSA		
N8QJXR				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP		
NA3CCR				
Item 3	Pos color, PPTH, O-tol	Neg AP, Micro	NT	
Item 4	Pos color, PPTH, O-tol	Pos AP, Micro	NT	
NAZTYP				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
NBDB9M				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
NDKHPT				
Item 3	Pos KM, HT	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM, HT	Pos AP, Micro	Neg Phadebas	
NE4VNX				
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos KM	Pos AP, Micro, PSA	Neg Amylase	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NECPUQ				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
NF2ZKJ				
Item 3	Pos TMB (Hemastix), ABA Hematrace	Neg ALS, AP	NT	
Item 4	Pos TMB (Hemastix), ABA Hematrace	Pos ALS, AP, PSA (ABA p30), Micro	Neg RSID	
NHCMHX				
Item 3	Pos KM, HemaTrace	Neg AP		
Item 4	Pos KM, HemaTrace	Pos AP, Micro		
NKNDUM				
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, p30	Neg Phadebas	
NLMFZ3				
Item 3	Pos TMB	Neg AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos TMB	Pos AP, Micro, PSA	Neg Amylase Diffusion	
NM3QZV				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg RSID-Saliva	
NQKVRY				
Item 3	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
NQPYBP				
Item 3	Pos KM, Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos KM, Hemastix, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
NRYL8H				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NV3JHB				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
NV934Y				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Pos AP	NT	
NX6HT3				
Item 3	Pos PTMB	Neg AP, ALS	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
NX8Z2Z				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas	
NXRYWC				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
NZKFWC				
Item 3	Pos Hemastix	Neg PSA, Microscopic	NT	
Item 4	Pos Hemastix	Pos PSA, Microscopic	NT	
P23H76				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
P3FRJC				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, PSA, Micro	NT	
P3L4P8				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
P7LEK8				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
P7ZVC4				
Item 3	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
P86XRY				
Item 3	Pos Phenolphthalein, HemaTrace	Neg ALS, AP spot, Micro, p30	Neg ALS, SALigAE	
Item 4	Pos Phenolphthalein	Pos AP spot, Micro, p30		
P8KPRQ				
Item 3	Pos KM, HemaTrace	Neg Micro, p30	NT	ALS, Neg
Item 4	Pos KM, HemaTrace	Pos Micro, p30	NT	ALS, Neg
PAWEGM				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
PBQE6K				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
PD9CMW				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	
PELZ2U				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PEWHMY				
Item 3	Pos TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PH8PK8				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PHKPDN				
Item 3	Pos Phenolphthalein, HemaTrace	Neg ALS, AP	Neg ALS, RSID-Saliva	
Item 4	Pos Phenolphthalein, HemaTrace	Pos ALS, AP, Micro, PSA	Neg ALS, RSID-Saliva	
PKW6ZA				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
PMU7MC				
Item 3	Pos KM	Neg PSA	Neg Alpha Amylase (Seratec Saliva Test)	
Item 4	Pos KM	Pos PSA	Neg Alpha Amylase (Seratec Saliva Test)	
PRPZKD				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PRRPQV				
Item 3	Pos LMG, HemaTrace	Neg ALS, Micro, p30	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, Micro	NT	
PVEQ64				
Item 3	Pos O-tol, HemaTrace	Neg AP, p30	Neg RSID	Sperm, Neg Microscopy (Xmas tree stain)
Item 4	Pos O-tol, HemaTrace	Pos AP, p30	Neg RSID	Sperm, Pos Microscopy (Xmas tree stain)
PZ4B3R				
Item 3	NT	Neg AP	NT	Male DNA, Neg Y-Screening
Item 4	NT	Pos AP	NT	Male DNA, Pos Y-Screening
Q28W3P				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	Neg Amylase	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Q2CD2N				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
Q2FCJK				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
Q6YCRD				
Item 3	Pos KM	Neg AP, Micro		
Item 4	Pos KM	Pos AP, Micro		
QBA9U2				
Item 3	Pos TMB, HemaTrace	Neg AP	NT	
Item 4	Pos TMB, HemaTrace	Pos Micro, AP, PSA	NT	
QE8RXL				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
QEAJP2				
Item 3	Pos TMB, HemaTrace	Neg AP, p30	NT	
Item 4	Pos TMB, HemaTrace	Pos AP, p30	NT	
QEDNFG				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
QEYPBD				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	Inc SALLgAE	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
QHCZBG				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QJ8HDJ				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Pos ALS, AP, Micro	NT	
QLMGAE				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
QMZZJC				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
QNTTEV				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
QNVHKD				
Item 3	Pos TMB	Neg AP		
Item 4	Pos TMB	Pos AP, Micro		
QPWX7W				
Item 3	Pos Hemastix, ABA HemaTrace Confirmatory	Neg AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos Hemastix, ABA HemaTrace Confirmatory	Pos AP, PSA, Micro	Neg RSID-Saliva	
QT3PNQ				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT ALS	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT ALS	
QUJCAY				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
QXD36N				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QZ4CMQ				
Item 3	Pos LMG	Neg AP, PSA	Neg Phadebas	
Item 4	Pos LMG	Pos AP, PSA, Micro	Neg Phadebas	
QZ8Z64				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
R24VfV				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
R2UXtL				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
R2YD7M				
Item 3	Pos KM	Neg AP	Neg RSID	
Item 4	Pos KM	Pos AP, PSA, Micro	Neg RSID	
R3JMfL				
Item 3	Pos	Neg	Neg	
Item 4	Pos	Pos	Neg	
R3YEHW				
Item 3	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, ABACard p30, Micro	Neg APA SALIgAE	
Item 4	Pos Phenolphthalein, HemaTrace	Pos ALS, AP, ABACard p30, Micro	Neg ALS, SALIgAE	
R73GGT				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Pos AP		
R764BD				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
R7H7TY				
Item 3	Pos O-tol, ABACard HemaTrace	Neg AP, ABACard p30, Micro	NT	
Item 4	Pos O-tol, ABACard HemaTrace	Pos AP, ABACard p30, Micro	NT	
R7PP2J				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
R82MDF				
Item 3	Pos KM, Seratec HemDirect	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos KM, Seratec HemDirect	Pos ALS, AP, Micro	NT	
RDR2XF				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
RFXADR				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
RJ6J69				
Item 3	Pos Hemastix	Neg PSA, Microscopic Exam	NT	
Item 4	Pos Hemastix	Pos PSA, Microscopic Exam	NT	
RKQAT9				
Item 3	Pos KM, HT	Neg AP, Micro	Neg Amylase Diffusion	
Item 4	Pos KM, HT	Pos AP, Micro, PSA	Neg Amylase Diffusion	
RLKZYM				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
RNUAPY				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RPF2DW				
Item 3	KM	AP		
Item 4	KM	AP		
RQBJT6				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
RRJWUE				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
RRNBKL				
Item 3				Male DNA, Neg Y-screening
Item 4				Male DNA, Pos Y-screening
RXDITYX				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
RYWDFE				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
RZYFRK				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
T3Y6B6				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
T3Y7XX				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
T4XYJB				
Item 3	Pos TMB, HemaTrace	Neg AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos TMB, HemaTrace	Pos AP, Micro, PSA	Neg Amylase Diffusion	
T6249Q				
Item 3	Pos KM, TMB	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, TMB	Pos AP, PSA, Micro	Neg RSID	
T7F4DT				
Item 3	Pos TMB, HemDirect	Neg ALS, AP, SS, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, SS, PSA	NT	
TCMWMC				
Item 3	Pos TMB	NT	Neg ALPHA-Amylase	
Item 4	Pos TMB	Pos SemenOGELIN	Neg ALPHA-Amylase	
TDJCBU				
Item 3	Pos TMB, Takayama, RSID	Neg AP, PSA, Micro		
Item 4	Pos TMB, Takayama, RSID	Pos AP, PSA, Micro		
TEN3ZW				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos AP, Micro, ALS	NT	
TFJL2X				
Item 3	Pos LMG	Neg AP, PSA	NT	
Item 4	Pos LMG	Pos AP, PSA	NT	
TGUMPH				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
TN3QDW				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
TNGDMY				
Item 3	Pos KM	Neg AP	NT	Human, Pos PLEXOR HY
Item 4	Pos KM	Pos AP, Micro	NT	Human, Pos PLEXOR HY
TNXZV8				
Item 3	Pos KM, HemaTrace	Neg AP	Inc SALlgAE	Neg ALS
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	Neg ALS
TQ26LU				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas Press	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press	
TR26Y2				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
TUJ2UX				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro, PSA	NT	
TVJD9L				
Item 3	Pos KM	Neg AP	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
TYGGME				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, Phadebas	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg ALS, Phadebas	
U2YXH6				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
U3BWBT				
Item 3	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
U3H9J7				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
U7ZJKF				
Item 3	Pos KM and HemaTrace	Neg AP and PSA	Neg Phadebas	
Item 4	Pos KM and HemaTrace	Pos AP and PSA	Neg Phadebas	
U97VEB				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
UBLYWT				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
UBPGUR				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
UEV9FY				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PMTB	Pos ALS, AP, Micro	NT	
UF9TAU				
Item 3	Pos KM+	NT	NT	
Item 4	Pos KM+	Pos AP+, Micro	NT	
UJRZLB				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
UN6QYH				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UNDJE6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UNF9LM				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
UNLULW				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
UNXTF7				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
UP3LUC				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
URZRQY				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
UT3ZQV				
Item 3	Pos TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
UTM74M				
Item 3	Pos Hema	Neg Brentamine	NT	
Item 4	Pos Hema	Pos Brentamine	NT	
UU3P2R				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	Pos AP, p30, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UV3J8C				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
UWP6EF				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
UXLK6J				
Item 3	NT	Neg AP	NT	Male DNA, Neg Y-screening
Item 4	NT	Pos AP	NT	Male DNA, Pos Y-screening
UXLKRC				
Item 3	Pos Hemastix, OBTI			
Item 4	Pos Hemastix, OBTI	Pos PHOSPHATESMO, PSA		
V2F2GC				
Item 3	Pos ALS	Neg ALS	Neg ALS	
Item 4	Pos ALS	Pos ALS	Neg ALS	
V3BKHD				
Item 3	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Pos Hexagon OBTI
Item 4	Pos KM, O-tol	Pos AP, PSA, Micro	Neg SALIgAE	Human Blood, Pos Hexagon OBTI
V3NJNI				
Item 3	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos LMG, Ouchterlony (anti-HuHb)	Pos AP, PSA, Micro	Neg Amylase	
V437ZN				
Item 3	Pos KM, HT	NT	NT	
Item 4	Pos KM, HT	Pos AP, PSA, Micro	NT	
V6EUFT				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
V7EEFM				
Item 3	Pos Hstx, HTrace	Neg AP, ALS, PSA	NT	
Item 4	Pos Hstx, HTrace	Pos AP, ALS, PSA	NT	
VBZAYD				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
VE8F3R				
Item 3	Pos Hemochromogen	Neg AP	NT	
Item 4	Pos Hemochromogen	Pos AP, Micro	NT	
VEJXLC				
Item 3	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	Fluorescence, Neg ALS
Item 4	Pos KM	Pos AP, PSA, Micro	Neg Phadebas	Fluorescence, Pos ALS
VLARXP				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
VM4DRF				
Item 3	Pos KM	Neg AP/PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Pos AP/PSA	Neg Phadebas	Blood, Pos HemaTrace
VNP6FD				
Item 3	Pos KM	Neg AP, PSA	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
VTQA66				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Pos ALS, AP, PSA, Micro	NT	
VUDG3Z				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA, ALS	Neg Amylase Radial Diffusion	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA, ALS	Neg Amylase Radial Diffusion	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VUTBUG				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
VX6NCK				
Item 3	NT	Neg AP	NT	Male DNA, Neg Y-screening
Item 4	NT	Pos AP	NT	Male DNA, Pos Y-screening
VYDZRZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
VYTTHP				
Item 3	Pos O-tol	Neg AP	NT	ALS
Item 4	Pos O-tol	Pos AP	Neg Micro	ALS
VZAF4X				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
VZB4UN				
Item 3	Pos LMG	Neg ALS, AP		
Item 4	Pos LMG	Pos ALS, AP, Micro		
W8NN4D				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
WE8XFG				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
WEKGDT				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WFRYYH				
Item 3	Pos RSID	Neg RSID	Neg RSID	
Item 4	Pos RSID	Pos RSID	Neg RSID	
WG3FYU				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
WH69PV				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
WHMENL				
Item 3	Pos Hemastix, HemaTrace, KM	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos Hemastix, HemaTrace, KM	Pos AP, PSA, Micro	Neg RSID	
WJQBVG				
Item 3	Pos RSID	Neg RSID	Neg RSID	
Item 4	Pos RSID	Pos RSID	Neg RSID	
WJQDKL				
Item 3	Pos KM, HemaTrace	Neg Micro, ALS, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos Micro, ALS	NT	
WMA6VN				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Pos AP		
WMQLNW				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
WNPWZK				
Item 3	Pos KM, Takayama, HemaTrace	Neg STMP, Micro	Neg Radial Diffusion	
Item 4	Pos KM, Takayama, HemaTrace	Pos STMP, Micro	Neg Radial Diffusion	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WPHJF2				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
WPWC7Q				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, p30	NT	
WQGDN8				
Item 3	Pos Hemident, HemaTrace	NT	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-Liter Express	NT	
WQUMZ8				
Item 3	Pos KM (Phenolphthalein), HemaTrace	Neg ALS, AP, PSA, Micro	Neg SALlgAE	
Item 4	Pos KM (Phenolphthalein), HemaTrace	Pos ALS, AP, PSA, Micro	Neg SALlgAE	
WRENHP				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro	NT	
WUHNAA				
Item 3	Pos KM	Neg BCIP	NT	
Item 4	Pos KM	Pos BCIP, p30, Micro		
WW3KVE				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Seratec, Micro	NT	
WW9K8F				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
WY7BR8				
Item 3	Pos KM	Neg RSID, ALS	NT	
Item 4	Pos KM	Pos RSID, ALS	NT	Spermatozoa, Pos Micro

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WYL6EF				
Item 3	Pos KM	Neg AP, Micro	Neg RSID	
Item 4	Pos KM	Pos AP, Micro	Neg RSID	
X2MZNP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Pos Micro	NT	
X2U74T				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
X3GE3M				
Item 3	Pos LMG, ABA HemaTrace	Neg ALS, AP, Micro, ABA p30	NT	
Item 4	Pos LMG, ABA HemaTrace	Pos ALS, AP, Micro, ABA p30	NT	
X4ENV6				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA	Inc SALIgAE	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Inc SALIgAE	
X7PZ2U				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg RSID	
X942WT				
Item 3	Pos KM	Neg AP, Micro, PSA	NT	
Item 4	Pos KM	Pos AP, Micro, PSA	NT	
XAP974				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
XB3RF2				
Item 3	Pos KM, HemaTrace	Neg AP, Sperm Micro	Neg Amylase Diffusion	
Item 4	Pos KM, HemaTrace	Pos AP, Sperm Micro	Neg Amylase Diffusion	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XBWXJ2				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
XBYMQJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
XBZYJE				
Item 3	Pos O-tol, Ppth, color, ALS	Neg AP, Micro, ALS	NT	
Item 4	Pos O-tol, Ppth, color, ALS	Pos AP, Micro, ALS	NT	
XCWHLF				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
XDBMHT				
Item 3	Pos KM, HemaTrace	Neg AP, ALS	NT	Human protein, Pos ELISA Speciation
Item 4	Pos KM, HemaTrace	Pos AP, ALS, Micro	NT	Human protein, Pos ELISA Speciation
XDLTC9				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Neg ALS	NT	
XE3P69				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
XH24PD				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Duo
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Duo
XHDZHB				
Item 3	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Pos Hexagon OBTI
Item 4	Pos KM, O-tol	Pos AP, PSA, Micro	Neg SALIgAE	Human Blood, Pos Hexagon OBTI

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XMBJWF				
Item 3		Neg AP		Male DNA, Neg Y-Screen
Item 4		Pos AP		Male DNA, Pos Y-Screen
XMBLHD				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
XMD36C				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
XPTAR6				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
XXY7DC				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
XYX9JR				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro, PSA	NT	
Y3EFC8				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
Y679QN				
Item 3	Pos Hemastix, Takayama, RSID	Neg AP, PSA, Micro	NT	
Item 4	Pos Hemastix, Takayama, RSID	Pos AP, PSA, Micro	NT	
Y8AAA9				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Y9GK7C				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
Y9QCJF				
Item 3	Pos O-tol	Neg AP, Micro	Neg RSID	
Item 4	Pos O-tol	Pos AP, Micro	Neg RSID	
Y9VHZP				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID-Saliva	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
YAMRWC				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
YCHTAL				
Item 3	Pos KM	Neg AP, PSA, ALS, Micro	Neg Radial Diffusion	
Item 4	Pos KM	Pos AP, PSA, ALS, Micro	Neg Radial Diffusion	
YDXHMR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
YDYP3L				
Item 3	Pos KM, TMB	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, TMB	Pos AP, PSA, Micro	Neg RSID	
YEWVY8				
Item 3	Pos HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos HemaTrace	Pos AP, Micro	Neg RSID-Saliva	
YGCPYD				
Item 3	Pos HemaTrace	Neg PSA	Neg alpha Amylase	
Item 4	Pos HemaTrace	Pos PSA, Micro, SG	Neg alpha Amylase	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YH6F6R				
Item 3	Pos LMG	Neg PSA		
Item 4	Pos LMG	Pos PSA		
YNP2ZL				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
YNXTDM				
Item 3	Pos TMB, Hem-Direct	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, Hem-Direct	Pos AP, Micro, PSA	NT	
YP2VFL				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
YPH4GA				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
YPXDHM				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
YRX4AM				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Pos AP, SS	NT	
YT24N3				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
YTTMBN				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YURGX9				
Item 3	Pos TMBP, HemaTrace	Neg AP	NT	
Item 4	Pos TMBP, HemaTrace	Pos AP, Micro	NT	
YWVLN3				
Item 3	Pos KM, HemaTrace	Neg AP	Neg SALIgAE	biological fluid screen, Neg ALS
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg SALIgAE	biological fluid screen, Neg ALS
YZ7VEB				
Item 3	Pos KM	Neg AP	Neg RSID-Amylase	
Item 4	Pos KM	Pos AP, Micro	Neg RSID-Amylase	
Z4MF2Q				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
Z644MY				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Z6YP3J				
Item 3	Pos KM, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos KM, HemaTrace	Pos AP, ALS, Micro	NT	
Z9PT8C				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
ZAZJKM				
Item 3	Pos KM	Neg ALS, FBB	NT	
Item 4	Pos KM	Pos ALS, FBB, PSA	NT	
ZBUGNM				
Item 3	Pos HemaTrace	Neg p30	Neg RSID	
Item 4	Pos HemaTrace	Pos p30, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZBV2LN				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
ZC82JH				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
ZE4UTE				
Item 3	Pos KM, HemaTrace	Neg ALS, Micro, PSA		
Item 4	Pos KM, HemaTrace	Pos ALS, Micro		
ZFP8UY				
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT	Human Origin, Pos HemaTrace
ZFYDUF				
Item 3	Pos HemaTrace, KM	Neg PSA, Micro	Neg RSID	male DNA, Neg Y-screening
Item 4	Pos HemaTrace, KM	Pos PSA, Micro	Neg RSID	male DNA, Pos Y-screening
ZG2X7N				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
ZGXF7				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
ZHM8YP				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
ZKJVZ7				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZKW84W				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
ZLFKVM				
Item 3	Pos Hemastix, Takayama, RSID	Neg ALS, PSA, Micro	NT	
Item 4	Pos Hemastix, Takayama, RSID	Pos ALS, PSA, Micro	NT	
ZNDY76				
Item 3	Pos O-tol, KM	Neg AP, PSA, Micro	Neg SALLgAE	Human Blood, Pos OBTI
Item 4	Pos O-tol, KM	Pos AP, PSA, Micro	Neg SALLgAE	Human Blood, Pos OBTI
ZXRRU9				
Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
ZYWD8M				
Item 3	Pos O-tol, HemeDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos O-tol, HemeDirect	Pos AP, PSA, Micro	Neg Amylase Diffusion	
ZZJEPP				
Item 3	Pos HemaTrace, KM	Neg Micro, PSA	Neg RSID	male DNA, Neg Y-screening
Item 4	Pos HemaTrace, KM	Pos Micro, PSA	Neg RSID	male DNA, Pos Y-screening
ZZTTWQ				
Item 3	Pos KM, HemaTrace	Neg p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos p30, Micro	NT	
ZZWDKT				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	

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

 Participants: **637**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	629	0	0
Negative	0	605	182
Inconclusive	0	0	7
Not Tested (NT)	4	27	416
Not Reported	4	5	32

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

 Participants: **637**

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	629	623	0
Negative	0	2	175
Inconclusive	0	0	4
Not Tested (NT)	4	10	420
Not Reported	4	2	38

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

223HBM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
23QUWL	Identifiler®, MiniFiler™					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
23XZCN	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
2422BT	Identifiler® Plus					
		-	17,19	-	16,17	11,11
1		13,15	-	-	8,11	11,14
		14,15.2	28,31.2	-	X,X	7,11
		-	-	-	9.3,9.3	8,9
2BJ3GC	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
2BNLHL	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
2C6HAL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

2EHJU7	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
2EMZ6C	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
2FUFYB	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
2KV2NU	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
2NVCH9	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
2QQZ7M	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
2VRZPR	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
2XHB9E	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

2YGFRU	PowerPlex® 16			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
2Z4KXY	Identifiler® Plus			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
2ZQHDT	PowerPlex® 16			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
38MNVZ	GlobalFiler™			16,17	11,11	10,11
1		13,16.3	17,19	10,11	16,17	11,11
		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
3B8HW8	Identifiler® Plus			16,17	11	10,11
1		13,15	17,19	8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3E4D69	Identifiler® Plus			16,17	11	10,11
1		13,15	17,19	8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3E7UR8	Identifiler® Plus			16,17	11	10,11
1		13,15	17,19	8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3EPZQX	PowerPlex® Fusion			16,17	11	10,11
1		13,16.3	17,19	10,11	16,17	11
		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

3J3KXJ	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3JQVWH	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3M7V36	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3PKZV	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
3W9MBZ	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3YRP4R	PowerPlex® PP21					
		13,16.3	17,19	16,17	11,11	10,11
1		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
3ZG48H	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
43A8YG	Identifiler® Direct					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

43LNJ2	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
43QJE2	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
47396G	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
479LKL	PowerPlex® 21					
		13,16.3	17,19		16,17	11,11
1		13,15		20,23	8,11	11,14
		14,15.2	28,31.2		X,X	7,11
		9,11	9,17		9.3,9.3	8,9
47AHUG	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
48DXKM	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
48XYMC	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4CPYPQ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

4EJ6KW	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
4FT23U	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
4JNTWK	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
4KBC46	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
4KMXT7	Identifiler®					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
4M9DQ9	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
4MC82M	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
4NGTD2	Identifiler®, NGM					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

4Q6WWD	PowerPlex® 16			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
4QTRM3	Identifiler®			16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4TEE3H	PowerPlex® 16			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
4TZR63	GlobalFiler™			16,17	11,11	10,11
1		13,16.3	17,19	10,11	11,11	10,11
		13,15	14,16	20,23	8,11	13,13
		14,15.2	28,31.2	15,16	X,X	21,22
				17,22.2	9.3,9.3	14,15
4U672M	PowerPlex® ESI 17			16,17		
1		13,16.3	17,19	10,11		
		13,15	14,16	20,23	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	21,22
				17,22.2	9.3,9.3	14,15
4UNW9L	Identifiler®			16,17	11	10,11
1			17,19	8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4XXM2B	Identifiler®			16,17	11	10,11
1			17,19	8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4YKFEQ	Identifiler® Plus			16,17	11,11	10,11
1		N/A	17,19	N/A	11,11	10,11
		13,15	N/A	N/A	8,11	13,13
		14,15.2	28,31.2	N/A	X,X	21,22
		N/A	N/A	N/A	9.3,9.3	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

4YR8J2	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
63M9BH	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
63XBJA	COfiler® and Profiler Plus®					
				16,17	11,11	10,11
1				8,11		13,13
		28,31.2		X,X		21,22
						14,15
67MGET	PowerPlex® 16					
				16,17	11	10,11
1				8,11	11,14	13
		28,31.2		X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
67WLEA	Profiler® Plus					
				16,17	11,11	10,11
1				8,11		13,13
		28,31.2		X,X		21,22
						14,15
68Y8R3	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
69R977	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
6BFFV9	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6BTDLL	Identifiler® Plus, PowerPlex® 16 HS					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
6DLUM9	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
6J9TQ3	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
6K4CT4	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
6KCLKJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
6KM99A	Identifiler®					
	-	17,19	-	16,17	11,11	10,11
1	13,15	-	-	8,11	11,14	13,13
	14,15.2	28,31.2	-	X,X	7,11	21,22
	-	-	-	9.3,9.3	8,9	14,15
6LFBPX	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
6M2TUC	PowerPlex® Fusion and 16					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6NB3H3	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
6NDTQ7	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
6QT336	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
6UUWX2	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
6V3662	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
6WCNZJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
6X9LKJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
6XD3HH	PowerPlex® 16 HS					
				16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6XREDG	PowerPlex® 16 HS			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
6YELBB	Identifiler® Plus			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
73FHKB	PowerPlex® Fusion			16,17	11	10,11
1		13,15	14,16	20,23	8,11	13
		14,15.2	28,31.2	15,16	X	21,22
		9,11	9,17	9.3	8,9	14,15
768CKZ	GlobalFiler™			16,17	11,11	10,11
1		13,15	14,16	20,23	8,11	13,13
		14,15.2	28,31.2	15,16	X,X	21,22
			17,22.2	9.3,9.3	8,9	14,15
76DRZX	Identifiler® Plus			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
78UAUC	GlobalFiler Express			16,17	11	10,11
1		13,15	14,16	20,23	8,11	13
		14,15.2	28,31.2	15,16	X	21,22
			17,22.2	9.3	8,9	14,15
7DVZPU	Identifiler® Plus			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
7GRRV7	PowerPlex® Fusion			16,17	11	10,11
1		13,15	14,16	20,23	8,11	13
		14,15.2	28,31.2	15,16	X	21,22
		9,11	9,17	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

7HG39U	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
7HWBB4	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
7KYEWX	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
7L9MN6	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
7LUWYZ	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
7NCRBJ	Identifiler®					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
7PPRKF	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
7PWX2H	PowerPlex® 16 HS					
				16,17	11	10,11
	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

7TVAWH	PowerPlex® 16 HS			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
7UPZ3W	Identifiler® Plus			16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
7W44MZ	Identifiler® Plus			16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
7WRZ3T	Identifiler® Plus			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
7Y3T79	Identifiler® Plus			16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
7ZXAH6	Identifiler® Plus			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
87882G	PowerPlex® 21			16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
88Q4VU	Identifiler® Plus			16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

89LMWV	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
		17,22.2	9.3,9.3	8,9	14,15	
8APA72	Identifiler®					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
8C4MCB	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	
8CJVDY	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
		17,22.2	9.3,9.3	8,9	14,15	
8CME3M	PowerPlex® 16					
				16,17	11	10,11
	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17	9.3	8,9	14,15	
8DAG9A	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
8DY6EC	GlobalFiler Express					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	
8FDHJK	Identifiler® Plus, MiniFiler™					
	n/a	17,19	n/a	16,17	11,11	10,11
	13,15	n/a	n/a	8,11	11,14	13,13
	14,15.2	28,31.2	n/a	X,X	7,11	21,22
	n/a	n/a	9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

8KTJQX	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
8NVKTF	NGM SElect						
		13,16.3	17,19	10,11	16,17		
	1	13,15	14,16	20,23		11,14	13,13
		14,15.2	28,31.2	15,16	X,X		21,22
			17,22.2	9.3,9.3		14,15	
8Q6H9H	PowerPlex® 21						
		13,16.3	17,19		16,17	11,11	10,11
	1	13,15		20,23	8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
8QE6CG	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
8REFW8	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
				9.3	8,9	14,15	
8YN26A	NGM SElect						
		13,16.3	17,19	10,11	16,17		
	1	13,15	14,16	20,23		11,14	13,13
		14,15.2	28,31.2	15,16	X,X		21,22
			17,22.2	9.3,9.3		14,15	
8YXTJD	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
8YZHPV	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

8ZZAJG	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
93RYQN	Identifiler® Plus, GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
94ZCVJ	Identifiler® Plus, PowerPlex® HS						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
98H28L	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
98LTQB	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
99GCRC	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
99PGER	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
9GHPZH	Identifiler® Plus						
		-	17,19	-	16,17	11,11	10,11
	1	13,15	-	-	8,11	11,14	13,13
		14,15.2	28,31.2	-	X,X	7,11	21,22
		-	-	9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

9M2YX4	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
9MKQWF	Identifiler® DIRECT					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
9Q9B6G	Identifiler® Plus					
		-	17,19	-	16,17	11,11
1		13,15	-	-	8,11	11,14
		14,15.2	28,31.2	-	X,X	7,11
		-	-	-	9.3,9.3	8,9
9VQK42	PowerPlex® 16					
				16,17	11	10,11
1		[13],15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
9Y94PG	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
9YF3AT	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
9YV8KC	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
A4HH8F	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

A6PX2E	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
A778DE	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
A9NEE9	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ABU7FF	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ADMPMF	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
ADPAKG	PowerPlex® 16 HS					
				16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
AHWBB6	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
AJAEAB	Identifiler®					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

AJDT4Y	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
AKPJ43	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
AN698C	PowerPlex® 16 HS					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
APXYDQ	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
AQF2AR	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
AQTLTB	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X	7,11	21,22
				9.3,9.3	8,9	14,15
AYQDEC	PowerPlex® 16 HS					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
AYUNJV	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

AYWKY	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
B3U8HY	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
B8P2FZ	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	N/A	9.3	8,9
				9.3	8,9	14,15
BAK2UC	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15
BCR9BH	PowerPlex® 16					
				16,17	11	10,11
	1	13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
BDDBF6	Identifiler®, PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
BFXM3H	PowerPlex® 21					
		13,16.3	17,19		16,17	11,11
	1	13,15		20,23	8,11	11,14
		14,15.2	28,31.2		X,X	7,11
		9,11	9,17	9.3,9.3	8,9	14,15
BG3J2R	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

BGKFGX	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
BHGWRA	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
BMLFFU	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
BNUVZ2	Identifiler®					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
BQCNEH	PowerPlex® 16					
				16,17	11	10,11
1				8,11	11,14	13
		28,31.2		X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
BQCYV7	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
BV8TT8	GlobalFiler Express					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
BVEVFE	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

BVL2VG	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
BVPFRP	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
BVUGPF	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
BYPQMP	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
C72DN6	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
C8QKUA	Identifiler® Plus,Direct					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
CAPN8U	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3,9.3	8,9	14,15
CAU9XJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CB4KQ2	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CGWL6M	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
CH8WXC	Identifiler® ID+					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
CHT68N	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
CJEEW9	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CLB327	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CLU6A7	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
CMJF4F	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CMNWFK	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CNCXUZ	PowerPlex® Fusion					
1	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CPKF7X	Identifiler® Plus					
1		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
CPXRAP	Identifiler® Plus					
1		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
CQPY88	Identifiler® Plus					
1		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
CQTACQ	Identifiler® Plus					
1		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
CTD3MT	PowerPlex® Fusion					
1	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CUBAR7	GlobalFiler™					
1	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CWDBR4	GlobalFiler Express						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
CYY6KX	Identifiler®						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
D2GNXZ	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
D2WAUV	Identifiler®						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
D4GMNC	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
D8BKMR	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
D8FXKC	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
D9H3LM	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

D9PZ6Y	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
DDPY4U	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3,9.3	8,9	14,15
DDQJH6	Identifiler® Direct					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
DH7UXU	PowerPlex® FUSION					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
DK7UJP	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
DKNQ4C	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
DMBVRW	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
DPTG67	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

DTQ3T3	Identifiler® Plus	17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
DVT4HD	Identifiler®	17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
DVUZ4V	GlobalFiler™	13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
DZ2RTU	Identifiler®	17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
E2Z6EE	PowerPlex® 21	13,16.3	17,19	16,17	11,11	10,11
1		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
E3Q82U	Identifiler®	17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
E927TM	GlobalFiler™	13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
ECXUUAU	GlobalFiler™	13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

EEH8NJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
EFXZT8	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
EGRQYL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
EGTG74	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3	8,9	14,15
EJBE68	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
EJX74	GlobalFiler Express					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
EJY77R	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
ELXKFA	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ETFJXM	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
ETL8L2	Identifiler®						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
EWXGR6	Globalfiler Express						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
EZ9TW9	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
EZXRK	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
F42EXV	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
FB74RM	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
FCWCP6	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

FD932U	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
FDGW98	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
						14,15
FEE82N	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
FFB6NB	PowerPlex® 16 HS					
				16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
FGYQUT	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
FJTBZQ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
						14,15
FK8RKJ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
						14,15
FL3ALK	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

FM7HE6	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
FT74UV	Identifiler®					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
FVRVRJ	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
FWLX	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
FZHEK2	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
G28EAC	Identifiler® Plus					
	-	17,19	-	16,17	11,11	10,11
	13,15	-	-	8,11	11,14	13,13
	14,15.2	28,31.2	-	X,X	7,11	21,22
	-	-	9.3,9.3	8,9	14,15	
G2ANGN	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
G34EL3	Globalfiler Express					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

G38YCQ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
G4M9NN	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
G4PXU7	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
G4TPZN	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
G6HQPP	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3,9.3	8,9	14,15
G7W3LA	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
G9H3J4	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
G9NXP	PowerPlex® 16 HS,YPP,ES117					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	17,22.2	9.3	8,9

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

G9QBZR	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
GAKWV4	Identifiler® Plus			16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
GAPAPR	PowerPlex® Fusion			16,17	11	10,11
1	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
GCBB9K	Identifiler® Plus			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
GED2MM	GlobalFiler™			16,17	11,11	10,11
1	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
GF9MFD	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
GJ37VA	Identifiler® Plus			16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
GJNKJM	PowerPlex® Fusion			16,17	11,11	10,11
1	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

GKKMEQ	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
GLGXJ7	GlobalFiler™					
		17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		17,22.2	9.3	8,9	14,15	
GMBJCW	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
GMQ7LY	Identifiler®					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GQ4HR8	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GRE7PL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GU6XNH	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
GULNNG	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

GY4CAL	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
H2TRNN	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
H37F47	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
				9.3	8,9	14,15	
H7H93Z	Globalfiler Express						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
H7UNVU	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
				9.3	8,9	14,15	
HB8QJB	Identifiler® Plus, MiniFiler™						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
HC9L23	Identifiler® Direct						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
HE667Z	Globalfiler Express						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

HEF4ZX	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HETVN9	PowerPlex® 16 HS					
				16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
HFJCRH	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HJGMC4	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
HLAHCJ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
HMZHFV	PowerPlex® Fusion Direct					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
HPVZWP	Identifiler®					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HRK946	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

HRRPX4	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
HT8DBA	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HTBHZR	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
HUATTA	PowerPlex® 21					
	13,16.3	17,19		16,17	11,11	10,11
1		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
HXWKJP	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
HZUXH4	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
HZVJF6	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
J2F3CU	Identifiler®					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

J4H6XP	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
J6FAUB	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
J7HT39	PowerPlex® 16 HS					
				16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
J7NVFJ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
JCP73R	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
JDEQRV	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
JDQC36	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
JDR7WW	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JEQCFC	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JFYJKQ	Identifiler®			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JGCM6W	Identifiler® Plus			16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
JHZQK4	PowerPlex® Fusion			16,17	11	10,11
1	13,15	17,19	10,11	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JKYVGQ	Identifiler®			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JLY48T	Identifiler® Plus			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JNRZU3	Identifiler® Plus			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JPPA2Q	Identifiler® Plus			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JQWXEN	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
JQYNK7	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JR74UX	PowerPlex® 16					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JRQBQ3	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JW3R9J	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
JW6GF2	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JXMTQ2	Identifiler® DIRECT					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JXPHWJ	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JYFV8P	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
JZKJBT	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
K2EUWZ	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
K4LJNW	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
K6E7TZ	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
K6H6BW	Identifiler®					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
K6YD3C	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
KARHTU	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17	17,22.2	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

KDRTPU	Identifiler® Plus	17,19		16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
KG43RD	Identifiler® Plus	17,19		16,17	11,11	10,11
		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
KG7RYV	Identifiler® Plus	17,19		16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
KM7BWK	Identifiler® Plus	17,19		16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
KPJEVP	Identifiler® Plus	17,19		16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
KPQDGM	Identifiler® Plus	17,19		16,17	11,11	10,11
		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
KQN4YU	Identifiler®	17,19		16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
KQXG76	Identifiler® Plus	17,19		16,17	11,11	10,11
		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

KWGDHL	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
KZGBJK	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
KZW9XH	PowerPlex® Fusion					
		17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
	9,11	9,17		9.3,9.3	8,9	14,15
L6RP2J	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
L6THVB	PowerPlex® 16					
				16,17	11	10,11
	1	13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
LBCEAC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
LBE6GV	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
LEFGMF	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

LFUW6N	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LFWDEF	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LHDCF4	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LHTZB4	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
LJ6PMT	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
LKZ9NU	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
LNJ8Z4	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LPDKD4	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

LPDQ7C	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
LQ42W6	Identifiler® Plus, PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
LR8W2G	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
LVP9PL	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
LYLTHJ	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
LZBRHF	PowerPlex® Fusion 6C					
		13,16.3	17,19	10,11	16,17	11,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
	9,11	9,17	17,22.2	9.3,9.3	8,9	14,15
M26CWL	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
M3ZVXM	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

M66HFX	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
M72X3G	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
M94WZ3	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
MA6TLJ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
MAVKA3	Identifiler® ID Plus					
		-	17,19	-	16,17	11,11
1		13,15	-	-	8,11	11,14
		14,15.2	28,31.2	-	X,X	7,11
		-	-	-	9.3,9.3	8,9
MBP73U	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
MBXG8Z	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
ME97E4	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ME9TLN	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
MF8VQK	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
MFMRRB	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
MFREVR	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
MGHBUC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
MHE7RU	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15
MJCAPH	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
MPXFWH	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

MRZRLJ	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
MTPTCM	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
MZYL8K	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
						14,15
N2GYXD	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
						14,15
N2HN6W	Identifiler®					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
N3TV4H	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17		9.3,9.3	8,9
						14,15
N4DWLZ	Identifiler® DIRECT					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
N4ELRH	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

N6PH9F	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
N7CQ7B	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
N7K2BG	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
N7QCFC	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
N8QJXR	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
NA3CCR	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
NAZTYP	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
NBDB9M	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

NDKHPT	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
NE4VNX	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
NECPUQ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		-	-	17,22.2	9.3,9.3	8,9
NF2ZKJ	Identifiler® Plus					
		-	17,19	-	16,17	11
1		13,15	-	-	8,11	11,14
		14,15.2	28,31.2	-	X	7,11
		-	-	-	9.3	8,9
NHCMHX	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
NKNDUM	Identifiler® Plus					
			17,19		16,17	11,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11
				9.3,9.3	8,9	14,15
NM3QZV	Globalfiler Express					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
NNTXYY	Identifiler® Plus					
			17,19		16,17	11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2		X	7,11
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

NQPYBP	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NRYL8H	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
		17,22.2	9.3,9.3	8,9	14,15	
NV3JHB	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
NV934Y	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NX6HT3	PowerPlex® 16					
				16,17	11	10,11
	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NX8Z2Z	PowerPlex® 16 HS					
				16,17	11,11	10,11
	13,15			8,11	11,14	13,13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
NXRYWC	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NZKFWC	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

P23H76	PowerPlex® 16			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
P3FRJC	Identifiler® Plus					
1		-	17,19	-	16,17	11
		13,15	-	-	8,11	11,14
		14,15.2	28,31.2	-	X	7,11
		-	-	-	9.3	8,9
P3L4P8	Identifiler® Plus					
1			17,19		16,17	11,11
		13,15			8,11	11,14
		14,15.2	28,31.2		X,X	7,11
					9.3,9.3	8,9
P7LEK8	Identifiler® Plus					
1			17,19		16,17	11,11
		13,15			8,11	11,14
		14,15.2	28,31.2		X,X	7,11
					9.3,9.3	8,9
P7ZVC4	PowerPlex® 21					
1		13,16.3	17,19		16,17	11,11
		13,15		20,23	8,11	11,14
		14,15.2	28,31.2		X,X	7,11
		9,11	9,17		9.3,9.3	8,9
P86XRY	Identifiler® Plus					
1			17,19		16,17	11,11
		13,15			8,11	11,14
		14,15.2	28,31.2		X,X	7,11
					9.3,9.3	8,9
P8KPRQ	Identifiler®					
1			17,19		16,17	11
		13,15			8,11	11,14
		14,15.2	28,31.2		X	7,11
					9.3	8,9
PAWEGM	Identifiler® Plus					
1			17,19		16,17	11,11
		13,15			8,11	11,14
		14,15.2	28,31.2		X,X	7,11
					9.3,9.3	8,9

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PBQE6K	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
PD9CMW	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
PELZ2U	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
PEWHMY	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	
PH8PK8	Identifiler® Plus, GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
PHKPDN	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	
PKW6ZA	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
PMU7MC	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PRPZKD	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
PRRPQV	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
PVEQ64	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
PZ4B3R	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
Q28W3P	PowerPlex® 16					
				16,17	11	10,11
	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
Q2CD2N	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
Q2FCJK	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	
Q6YCRD	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QACXY	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3	8,9	14,15
QBA9U2	PowerPlex® 21					
		13,16.3	17,19	16,17	11,11	10,11
1		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
QE8RXL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
QEAI2	PowerPlex® 21					
		13,16.3	17,19	16,17	11,11	10,11
1		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
QEDNFG	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QEYPBD	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QEYXTR	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QHCZBG	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QJ8HDJ	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QLMGAE	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
QMZZJC	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QNTTEV	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QNVHKD	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
QPWX7W	Identifiler®, MiniFiler™					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QUJCAY	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
QXD36N	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QZ4CMQ	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
QZ8Z64	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
R24VfV	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
R2UXtL	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
R2YD7M	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3,9.3	8,9	14,15
R3JMfL	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
R73GGT	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
R764BD	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

R7H7TY	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
R7PP2J	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
R82MDF	Identifiler®					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
RDR2XF	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
RFXADR	GlobalFiler Express					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15
RJ6J69	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15
RKQAT9	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
RLHHQQ	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			9,11	9,17	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

RLKZYM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
RNUAPY	PowerPlex® 16 HS					
				16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
RPF2DW	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
RQBJT6	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
RRNBKL	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
RTJV9L	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
RXDTYX	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
RYWDFE	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

RZYFRK	Identifiler® Plus						
		17,19		16,17	11	10,11	
	1	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
T3Y6B6	Identifiler® Plus						
		17,19		16,17	11	10,11	
	1	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
T3Y7XX	Identifiler® Plus						
		17,19		16,17	11	10,11	
	1	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3	8,9	14,15		
T4XYJB	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
T6249Q	Identifiler® Plus						
		17,19		16,17	11	10,11	
	1	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
TCMWMC	NGM SElect						
		13,16.3	17,19	10,11	16,17		
	1	13,15	14,16	20,23		11,14	13
		14,15.2	28,31.2	15,16	X		21,22
			17,22.2	9.3		14,15	
TDJCBU	Identifiler® Plus						
		17,19		16,17	11,11	10,11	
	1	13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		
TEN3ZW	Identifiler® Plus						
		17,19		16,17	11,11	10,11	
	1	13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

TFJL2X	Identifiler® Plus, PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
TGUMPH	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
TN3QDW	PowerPlex® 16 HS					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
TNGDMY	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
TNXZV8	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
TQ26LU	PowerPlex® 16 HS					
				16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
TR26Y2	PowerPlex® 16					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
TUJ2UX	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

TVJD9L	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
		-	-	17,22.2	9,3,9.3	8,9	14,15
TYGGME	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
		9,11	9,17	9,3,9.3	8,9	14,15	
U2YXH6	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9,3,9.3	8,9	14,15	
U3H9J7	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
U7ZJKF	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9,3,9.3	8,9	14,15	
U97VEB	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9,3,9.3	8,9	14,15	
UBPGUR	Identifiler®						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
UCFCAT	PowerPlex® 21						
		13,16.3	17,19		16,17	11,11	10,11
	1	13,15		20,23	8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
		9,11	9,17	9,3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

UEV9FY	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
UF9TAU	Identifiler® Direct			16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
UJRZLB	GlobalFiler™			16,17	11,11	10,11
1	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
UN6QYH	Identifiler® Plus			16,17	11,11	10,11
1	13,15	17,19		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
UNDJE6	GlobalFiler™			16,17	11	10,11
1	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15
UNF9LM	Identifiler® Plus			16,17	11,11	10,11
1	13,15	17,19		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
UNLULW	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
UNXTF7	Identifiler® Plus			16,17	11	10,11
1	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

URZRQY	PowerPlex® 16					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
UT3ZQV	Identifiler®					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
UTM74M	Profiler® Plus					
				16,17	11,11	10,11
1	13,15			8,11		13,13
		28,31.2		X,X		21,22
						14,15
UU3P2R	PowerPlex® HS					
				16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
UWP6EF	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
UXLK6J	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
1	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
UXLKRC	PowerPlex® ESI 16					
	13,16.3	17,19	10,11	16,17		
1	13,15	14,16	20,23		11,14	13
	14,15.2	28,31.2	15,16	X		21,22
				9.3		14,15
V2F2GC	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

V3BKHD	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
V3NJNZ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
V437ZN	GFE					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
V6EUFT	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
V7EEFM	PowerPlex® 16-HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
VBZAYD	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
VE8F3R	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VEJXLC	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17		9.3,9.3	8,9

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

VLARXP	Identifiler® Direct	17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
VM4DRF	Identifiler® Plus	17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VNP6FD	GlobalFiler™	13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
VTQA66	Identifiler® Plus	17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
VUDG3Z	Identifiler® Plus	17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VUTBUG	PowerPlex® Fusion	13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3	8,9	14,15
VX6NCK	PowerPlex® Fusion	13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
VYDZRZ	Identifiler® Plus	17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

VYTHP	Identifiler®					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VZAF4X	PowerPlex® 16					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
VZB4UN	GlobalFiler Express					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
17,22.2				9.3	8,9	14,15
W8NN4D	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WE8XFG	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
WEKGDT	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
WFRYYH	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WG3FYU	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WH69PV	PowerPlex® 16			16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
WHMENL	PowerPlex® Fusion					
1		13,16.3	17,19	10,11	16,17	11
		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
WJQBVG	Identifiler®					
1			17,19	16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WMA6VN	Identifiler® Plus					
1			17,19	16,17	11,11	10,11
		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
WNPWZK	Identifiler® Plus					
1			17,19	16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WPHJF2	Identifiler® Plus					
1			17,19	16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WPWC7Q	PowerPlex® Fusion					
1		13,16.3	17,19	10,11	16,17	11
		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
WQGDN8	Identifiler® Plus					
1			17,19	16,17	11	10,11
		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WQUMZ8	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
WUHNA A	Identifiler®					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WW3KVE	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
WW9K8F	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
WXEEFK	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
WY7BR8	Investigator IDplex Plus Kit					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
WYL6EF	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
X2MZNP	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

X2U74T	PowerPlex® 16			16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
X3GE3M	PowerPlex® Fusion					
1	13,16.3	17,19	10,11	16,17	11	10,11
	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
X4ENV6	Identifiler® Plus					
1		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
X7PZ2U	Identifiler® Plus					
1		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
X942WT	Identifiler® Plus					
1		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
XAP974	Identifiler® Plus					
1		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
XB3RF2	GlobalFiler™					
1	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
XBWXJ2	Identifiler® Plus					
1		17,19		16,17	11,11	10,11
	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

XBYMQJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
XBZYJE	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
XCWHLF	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	1	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
XDBMHT	PowerPlex® 21					
		13,16.3	17,19		16,17	11,11
	1	13,15		20,23	8,11	11,14
		14,15.2	28,31.2		X,X	7,11
		9,11	9,17		9.3,9.3	8,9
XD LTC9	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
XE3P69	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
XH24PD	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
XHDZHB	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

XMBJWF	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
XMD36C	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
XPTAR6	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15	
XXY7DC	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
XXY9JR	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	1	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
Y679QN	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	1	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
Y9GK7C	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
Y9QCJF	Identifiler® Plus						
			17,19		16,17	11	10,11
	1	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

Y9VHZP	PowerPlex® 16 HS					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
YAMRWC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
YCHTAL	PowerPlex® 16					
				16,17	11	10,11
1	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
YDXHMR	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
YDYP3L	Identifiler® Plus					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
YEWVY8						
	13,16.3	17,19	10,11	16,17	11,11	10,11
1	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
YGCPYD	Identifiler®					
		17,19		16,17	11,11	10,11
1	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
YH6F6R	Identifiler® Plus, PowerPlex® 16 HS					
		17,19		16,17	11	10,11
1	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

YNP2ZL	Identifiler® Direct		17,19		16,17	11	10,11	
		1	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3	8,9	14,15
YP2VFL	Identifiler® Direct		17,19		16,17	11	10,11	
		1	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
YPH4GA	GlobalFiler™		13,16.3	17,19	10,11	16,17	11,11	10,11
		1	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
					17,22.2	9.3,9.3	8,9	14,15
YRX4AM	Identifiler®		17,19		16,17	11	10,11	
		1	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
YT24N3	Identifiler® Plus		17,19		16,17	11	10,11	
		1	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
YURGX9	GlobalFiler™		13,16.3	17,19	10,11	16,17	11,11	10,11
		1	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
					17,22.2	9.3,9.3	8,9	14,15
YWVLN3	Identifiler® Plus		17,19		16,17	11	10,11	
		1	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
YZ7VEB	PowerPlex® Fusion		13,16.3	17,19	10,11	16,17	11	10,11
		1	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

Z4MF2Q	Identifiler® Plus					
		17,19		16,17	11,11	10,11
1		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
Z644MY	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
Z6YP3J	PowerPlex® Fusion Direct					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17		9.3,9.3	8,9
						14,15
Z9PT8C	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZAZJKM	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
						14,15
ZBUGNM	PowerPlex® 16 HS					
				16,17	11	10,11
1		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
ZBV2LN	Identifiler® Plus					
		17,19		16,17	11	10,11
1		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZC82JH	GlobalFiler Express					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
						14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ZE4UTE	Identifiler®					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZFYDUF	Identifiler® Plus, PowerPlex® 16,Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
ZG2X7N	Identifiler® Direct					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZGXTF7	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZHM8YP	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
ZKJVZ7	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZKW84W	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
	1	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
ZNDY76	Identifiler® Plus					
		17,19		16,17	11	10,11
	1	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ZXRRU9	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
						14,15
ZYWD8M	Identifiler®, MiniFiler™					
			17,19		16,17	11
1		13,15			8,11	11,14
		14,15.2	28,31.2		X	7,11
					9.3	8,9
						14,15
ZZJEFF	Identifiler® Plus, PowerPlex® 16					
			17,19		16,17	11
1		13,15			8,11	11,14
		14,15.2	28,31.2		X	7,11
					9.3	8,9
						14,15
ZZTTWQ	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
1		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
					9.3	8,9
						14,15
ZZWDKT	PowerPlex® 16					
					16,17	11
1		13,15			8,11	11,14
			28,31.2		X,X	7,11
					9.3	8,9
						14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

223HBM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
23QUWL	Identifiler®, MiniFiler™					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
23XZCN	PowerPlex® 16 HS					
				17,18	11,12	9,10
2				12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
2422BT	Identifiler® Plus					
	-	17,22	-	17,18	11,12	9,10
2		10,12	-	12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
		-	-	9,9.3	8,11	14,17
2BJ3GC	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
2BNLHL	PowerPlex® 16 HS					
				17,18	11,12	9,10
2				12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
2C6HAL	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
2EHJU7	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

2EMZ6C	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
2FUFYB	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
2KV2NU	PowerPlex® 16						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
2NVCH9	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
2QQZ7M	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
2VRZPR	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17	
2XHB9E	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
2YGFRU	PowerPlex® 16						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

2Z4KXY	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24,24
					9,9.3		8,11	14,17
2ZQHDT	PowerPlex® 16				17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
				28,30		X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
38MNVZ	GlobalFiler™		11,12	17,22	11,11	17,18	11,12	9,10
		2	10,12	15,15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24,24
					24.2,25.2	9,9.3	8,11	14,17
3B8HW8	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17
3E4D69	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17
3E7UR8	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17
3EPZQX	PowerPlex® Fusion		11,12	17,22	11	17,18	11,12	9,10
		2	10,12	15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
3J3KJ	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

3JQVWH	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
3M7V36	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
3PKZFV	PowerPlex® 16					
				17,18	11,12	9,10
2				12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
3W9MBZ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
3YRP4R	PowerPlex® PP21					
		11,12	17,22	17,18	11,12	9,10
2		10,12	18,22	12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
		11,12	10,11	9,9.3	8,11	14,17
3ZG48H						
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
43A8YG	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
43LNJ2	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

43QJE2	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
47396G	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
479LKL	PowerPlex® 21					
		11,12	17,22		17,18	11,12
2		10,12		18,22	12,13	11,12
		12,15	28,30		X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
47AHUG	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
48DXKM	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
48XYMC	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
4CPYPQ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
4EJ6KW	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

4FT23U	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
4JNTWK	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
4KBC46	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
4KMXT7	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
4M9DQ9	PowerPlex® Fusion					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
4MC82M	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
4NGTD2	Identifiler®, NGM					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				9,9.3	8,11	14,17
4Q6WWD	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11		9,9.3	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 2 - STR Results

4QTRM3	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
4TEE3H	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
4TZR63	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
4U672M	PowerPlex® ESI 17					
		11,12	17,22	11,11	17,18	
2		10,12	15,15	18,22		11,12
		12,15	28,30	11,15	X,Y	24,24
				24.2,25.2	9,9.3	14,17
4UNW9L	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
4XXM2B	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
4YKFEQ	Identifiler® Plus					
	N/A	17,22	N/A	17,18	11,12	9,10
2		10,12	N/A	12,13	11,12	12,17
		12,15	28,30	N/A	X,Y	10,12
		N/A	N/A	N/A	9,9.3	8,11
4YR8J2	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

63M9BH	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
63XBJA	COfiler® and Profiler Plus®					
				17,18	11,12	9,10
2		10,12		12,13		12,17
		28,30		X,Y		24,24
						14,17
67MGET	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
67WLEA	Profiler® Plus					
				17,18	11,12	9,10
2		10,12		12,13		12,17
		28,30		X,Y		24,24
						14,17
68Y8R3	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
69R977	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
6BFFV9	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
6BTDLL	Identifiler® Plus, PowerPlex® 16 HS					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6DLUM9	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
6J9TQ3	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
6K4CT4	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
6KCLKJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
6KM99A	Identifiler®					
	-	17,22	-	17,18	11,12	9,10
2		10,12	-	12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
		-	-	9,9.3	8,11	14,17
6LFBPX	Identifiler® Plus					
	1	17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
6M2TUC	PowerPlex® Fusion and 16					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11	9,9.3	8,11	14,17
6NB3H3	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6NDTQ7	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
6QT336	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
6UUWX2	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
6V3662	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
6WCNZJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
6X9LKJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
6XD3HH	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24,24
		11,12	10,11	9,9.3	8,11	14,17
6XREDG	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6YELBB	Identifiler® Plus		17,22		17,18	11,12	9,10	
	2		10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17	
73FHKB	PowerPlex® Fusion		17,22	11	17,18	11,12	9,10	
	2		10,12	15	18,22	11,12	12,17	
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
768CKZ	GlobalFiler™		17,22	11,11	17,18	11,12	9,10	
	2		10,12	15,15	18,22	11,12	12,17	
			12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2		9,9.3	8,11	14,17
76DRZX	Identifiler® Plus		17,22		17,18	11,12	9,10	
	2		10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17	
78UAUC	GlobalFiler Express		17,22	11	17,18	11,12	9,10	
	2		10,12	15	18,22	11,12	12,17	
			12,15	28,30	11,15	X,Y	10,12	24
				24.2,25.2		9,9.3	8,11	14,17
7DVZPU	Identifiler® Plus		17,22		17,18	11,12	9,10	
	2		10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17	
7GRRV7	PowerPlex® Fusion		17,22	11	17,18	11,12	9,10	
	2		10,12	15	18,22	11,12	12,17	
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
7HG39U	PowerPlex® Fusion		17,22	11	17,18	11,12	9,10	
	2		10,12	15	18,22	11,12	12,17	
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

7HWBB4	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
7KYEWX	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17	
7L9MN6	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
7LUWYZ	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17	
7NCRBJ	Identifiler®						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
7PPRKF			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
7PWX2H	PowerPlex® 16 HS						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
7TVAWH	PowerPlex® 16 HS						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

7UPZ3W	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
7W44MZ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
7WRZ3T	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
7Y3T79	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
7ZXAH6	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
87882G	PowerPlex® 21					
		11,12	17,22	-	17,18	11,12
2		10,12	-	18,22	12,13	11,12
		12,15	28,30	-	X,Y	10,12
		11,12	10,11	-	9,9.3	8,11
88Q4VU	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
89LMWV	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

8APA72	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
8C4MCB	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
8CJVDY	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
8CME3M	PowerPlex® 16					
				17,18	11,12	9,10
2				12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
8DAG9A	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
8DY6EC	GlobalFiler Express					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
8FDHJK	Identifiler® Plus, MiniFiler™					
	n/a	17,22	n/a	17,18	11,12	9,10
2		10,12	n/a	12,13	11,12	12,17
		12,15	28,30	n/a	X,Y	10,12
		n/a	n/a	9,9.3	8,11	14,17
8KTJQX	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

8NVKTF	NGM SElect					
		11,12	17,22	11,11	17,18	
	2	10,12	15,15	18,22		11,12
		12,15	28,30	11,15	X,Y	
				24.2,25.2	9,9.3	
					14,17	
8Q6H9H	PowerPlex® 21					
		11,12	17,22		17,18	11,12
	2	10,12		18,22	12,13	11,12
		12,15	28,30		X,Y	10,12
		11,12	10,11		9,9.3	8,11
					14,17	
8QE6CG	Identifiler® Plus					
			17,22		17,18	11,12
	2	10,12			12,13	11,12
		12,15	28,30		X,Y	10,12
					9,9.3	8,11
					14,17	
8REFW8	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
	2	10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
					14,17	
8YN26A	NGM SElect					
		11,12	17,22	11,11	17,18	
	2	10,12	15,15	18,22		11,12
		12,15	28,30	11,15	X,Y	
				24.2,25.2	9,9.3	
					14,17	
8YXTJD	Identifiler® Plus					
			17,22		17,18	11,12
	2	10,12			12,13	11,12
		12,15	28,30		X,Y	10,12
					9,9.3	8,11
					14,17	
8YZHPV	Identifiler® Plus					
			17,22		17,18	11,12
	2	10,12			12,13	11,12
		12,15	28,30		X,Y	10,12
					9,9.3	8,11
					14,17	
8ZZAJG	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
	2	10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
					14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

93RYQN	Identifiler® Plus, GlobalFiler™					
	11,12	17,22	11,11	17,18	11,12	9,10
2	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17
94ZCVJ	Identifiler® Plus, PowerPlex® HS					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
98H28L	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
98LTQB	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
99GCRC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
99PGER	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
9GHPZH	Identifiler® Plus					
	-	17,22	-	17,18	11,12	9,10
2	10,12	-	-	12,13	11,12	12,17
	12,15	28,30	-	X,Y	10,12	24,24
	-	-	-	9,9.3	8,11	14,17
9M2YX4	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

9MKQWF	Identifiler® DIRECT					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
9Q9B6G	Identifiler® Plus					
	-	17,22	-	17,18	11,12	9,10
2		10,12	-	12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
		-	-	9,9.3	8,11	14,17
9VQK42	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
9Y94PG	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
9YF3AT	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
9YV8KC	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
A4HH8F	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
A6PX2E	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

A778DE	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
A9NEE9	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
ABU7FF	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
ADMPMF	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
ADPAKG	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24,24
		11,12	10,11	9,9.3	8,11	14,17
AHWBB6	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
AJAEAB	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
AJDT4Y	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

AKPJ43	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
AN698C	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
APXYDQ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
AQF2AR	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
AQTLTB						
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
AYQDEC	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
AYUNJV	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
AYWXY	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

B3U8HY	Identifiler®		17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
B8P2FZ	PowerPlex® Fusion		17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11	N/A	9,9.3	8,11	14,17
BAK2UC	GlobalFiler™		17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
				24.2,25.2	9,9.3	8,11	14,17
BCR9BH	PowerPlex® 16				17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
BDDBF6	Identifiler®, PowerPlex® Fusion		17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
BFXM3H	PowerPlex® 21		17,22		17,18	11,12	9,10
	2	10,12		18,22	12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
		11,12	10,11		9,9.3	8,11	14,17
BG3J2R	Identifiler® Plus		17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
BGKFGX	Identifiler® Plus		17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

BHGWRA	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
BMLFFU	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
BNUVZ2	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
BQCNEH	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
BQCYV7	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
BV8TT8	GlobalFiler Express					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
BVEVFE	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
BVL2VG	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

BVPFRP	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
BVUGPF	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
BYPQMP	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
C72DN6	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
C8QKUA	Identifiler® Plus,Direct					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
CAPN8U	PowerPlex® Fusion					
	11,12	17,22	11,11	17,18	11,12	9,10
	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
CAU9XJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
CB4KQ2	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CGWL6M	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
CH8WXC	Identifiler® ID+					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
CHT68N	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
CJEEW9	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
CLB327	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
CLU6A7	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
CMJF4F	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
CMNWFK	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CNCXUZ	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
CPKF7X	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
CPXRAP	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
CQPY88	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
CQTACQ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
CTD3MT	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
CUBAR7	GlobalFiler™					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
			24.2,25.2	9,9.3	8,11	14,17
CWDBR4	GlobalFiler Express					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
			24.2,25.2	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CYY6KX	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
D2GNXZ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
D2WAUV	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
D4GMNC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
D8BKMR	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
	2	10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
D8FXKC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
D9H3LM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
D9PZ6Y	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

DDPY4U	PowerPlex® Fusion						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
		11,12	10,11		9,9.3	8,11	14,17
DDQJH6	Identifiler® Direct						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
DH7UXU							
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
DK7UJP	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
DKNQ4C	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
DMBVRW	Identifiler®						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
DPTG67	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
DTQ3T3	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

DVT4HD	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
DVUZ4V	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
DZ2RTU	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
E2Z6EE	PowerPlex® 21					
		11,12	17,22		17,18	11,12
2		10,12		18,22	12,13	11,12
		12,15	28,30		X,Y	10,12
		11,12	10,11		9,9.3	8,11
E3Q82U	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
E927TM	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
ECXUAU	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
EEH8NJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

EFXZT8	PowerPlex® 16 HS				17,18	11,12	9,10		
		2	10,12		12,13	11,12	12,17		
				28,30		X,Y	10,12	24	
			11,12	10,11		9,9.3	8,11	14,17	
EGRQYL	Identifiler® Plus				17,18	11,12	9,10		
		2	10,12		12,13	11,12	12,17		
				12,15	28,30		X,Y	10,12	24,24
						9,9.3	8,11	14,17	
EGTG74	PowerPlex® Fusion				17,18	11,12	9,10		
		2	11,12	17,22	11	12,13	11,12	12,17	
			10,12	15	18,22		X,Y	10,12	24
			12,15	28,30	11,15		9,9.3	8,11	14,17
EJBE68	Identifiler®				17,18	11,12	9,10		
		2	10,12		12,13	11,12	12,17		
				12,15	28,30		X,Y	10,12	24
						9,9.3	8,11	14,17	
EJJX74	GlobalFiler Express				17,18	11,12	9,10		
		2	11,12	17,22	11	12,13	11,12	12,17	
			10,12	15	18,22		X,Y	10,12	24
			12,15	28,30	11,15		9,9.3	8,11	14,17
EJY77R	GlobalFiler™				17,18	11,12	9,10		
		2	11,12	17,22	11,11	12,13	11,12	12,17	
			10,12	15,15	18,22		X,Y	10,12	24,24
			12,15	28,30	11,15		9,9.3	8,11	14,17
ELXKFA	Identifiler®				17,18	11,12	9,10		
		2	10,12		12,13	11,12	12,17		
				12,15	28,30		X,Y	10,12	24
						9,9.3	8,11	14,17	
ETFJXM	PowerPlex® Fusion				17,18	11,12	9,10		
		2	11,12	17,22	11	12,13	11,12	12,17	
			10,12	15	18,22		X,Y	10,12	24
			12,15	28,30	11,15		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ETL8L2	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
EWXGR6	Globalfiler Express					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
EZ9TW9	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
EZXRLK	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
F42EXV	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
FB74RM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
FCWCP6	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
FD932U	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

FDGW98	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
FEE82N	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
FFB6NB	PowerPlex® 16 HS						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24,24
		11,12	10,11		9,9.3	8,11	14,17
FGYQUT	Identifiler®						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
FJTBZQ	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17	
FK8RKJ	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17	
FL3ALK	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
FM7HE6	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

FT74UV	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
FVRVRJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
FWLLXX	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
FZHEK2	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
G28EAC	Identifiler® Plus					
	-	17,22	-	17,18	11,12	9,10
2	10,12	-	-	12,13	11,12	12,17
	12,15	28,30	-	X,Y	10,12	24,24
	-	-	-	9,9.3	8,11	14,17
G2ANGN	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
G34EL3	Globalfiler Express					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
			24.2,25.2	9,9.3	8,11	14,17
G38YCQ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

G4M9NN	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17
G4PXU7	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24,24
					9,9.3		8,11	14,17
G4TPZN	Identifiler® Plus		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17
G6HQPP	PowerPlex® Fusion		11,12	17,22	11,11	17,18	11,12	9,10
		2	10,12	15,15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24,24
			11,12	10,11		9,9.3	8,11	14,17
G7W3LA	PowerPlex® Fusion		11,12	17,22	11	17,18	11,12	9,10
		2	10,12	15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
G9H3J4	Identifiler®		17,22		17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
			12,15	28,30		X,Y	10,12	24
					9,9.3		8,11	14,17
G9NJXP	PowerPlex® 16 HS, ES117		11,12	17,22	11	17,18	11,12	9,10
		2	10,12	15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11	24.2,25.2	9,9.3	8,11	14,17
G9QBZR	PowerPlex® 16				17,18	11,12	9,10	
		2	10,12		12,13	11,12	12,17	
				28,30		X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

GAKWV4	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
GAPAPR	PowerPlex® Fusion					
		17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24
	11,12	10,11		9,9.3	8,11	14,17
GCBB9K	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
GED2MM	GlobalFiler™					
		17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24,24
		24.2,25.2		9,9.3	8,11	14,17
GF9MFD	PowerPlex® 16					
				17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
GJ37VA	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
GJNKJM	PowerPlex® Fusion					
		17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24,24
	11,12	10,11		9,9.3	8,11	14,17
GKKMEQ	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

GLGXJ7	GlobalFiler™						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
				24.2,25.2	9,9.3	8,11	14,17
GMBJCW	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
GMQ7LY	Identifiler®						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
GQ4HR8	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
GRE7PL	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
GU6XNH	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
GULNNG	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
GY4CAL	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

H2TRNN	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
H37F47	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
				9,9.3	8,11	14,17
H7H93Z	Globalfiler Express					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
				9,9.3	8,11	14,17
H7UNVU	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
				9,9.3	8,11	14,17
HB8QJB	Identifiler® Plus, MiniFiler™					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
HC9L23	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
HE667Z	Globalfiler Express					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
				9,9.3	8,11	14,17
HEF4ZX	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

HETVN9	PowerPlex® 16 HS			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
HFJCRH	Identifiler® Plus			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
HJGMC4	Identifiler®			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
HLAHCJ	GlobalFiler™			17,18	11,12	9,10
2	11,12	17,22	11,11	17,18	11,12	9,10
	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17
HMZHFV	PowerPlex® Fusion Direct			17,18	11,12	9,10
2	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
HPVZWP	Identifiler®			17,18	11,12	9,10
2		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
HRK946	Identifiler®			17,18	11,12	9,10
2		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
HRRPX4	Identifiler®			17,18	11,12	9,10
2		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

HT8DBA	Identifiler® Plus, MiniFiler™					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
HTBHZR	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
HUATTA	PowerPlex® 21					
	11,12	17,22		17,18	11,12	9,10
2	10,12		18,22	12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
HXWKJP	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
HZUXH4	PowerPlex® 16 HS					
				17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	22,24
	11,12	10,11		9,9.3	8,11	14,17
HZVJF6	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
J2F3CU	Identifiler®					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
J4H6XP	Identifiler®					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

J6FAUB	PowerPlex® 16			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
J7HT39	PowerPlex® 16 HS			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
J7NVFJ	GlobalFiler™			17,18	11,12	9,10
2	11,12	17,22	11,11	17,18	11,12	9,10
	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17
JCP73R	Identifiler® Plus			17,18	11,12	9,10
2		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
JDEQRV	GlobalFiler™			17,18	11,12	9,10
2	11,12	17,22	11,11	17,18	11,12	9,10
	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17
JDQC36	Identifiler® Plus			17,18	11,12	9,10
2		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
JDR7WW	Identifiler®			17,18	11,12	9,10
2		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
JEQCFC	PowerPlex® 16			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JFYJKQ	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
JGCM6W	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
JHZQK4	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
JKYVGQ	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
JLY48T	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
JNRZU3	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
JPPA2Q	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
JQWXEN	PowerPlex® Fusion					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JQYNK7	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12 9,10
2		10,12	15	18,22	12,13	11,12 12,17
		12,15	28,30	11,15	X,Y	10,12 24
		11,12	10,11		9,9.3	8,11 14,17
JR74UX	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11 14,17
JRQBQ3	Identifiler® Plus					
			17,22		17,18	11,12 9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
					9,9.3	8,11 14,17
JW3R9J	PowerPlex® Fusion					
		11,12	17,22	11,11	17,18	11,12 9,10
2		10,12	15,15	18,22	12,13	11,12 12,17
		12,15	28,30	11,15	X,Y	10,12 24,24
		11,12	10,11		9,9.3	8,11 14,17
JW6GF2	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12 9,10
2		10,12	15	18,22	12,13	11,12 12,17
		12,15	28,30	11,15	X,Y	10,12 24
		11,12	10,11		9,9.3	8,11 14,17
JXMTQ2	Identifiler® DIRECT					
			17,22		17,18	11,12 9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
					9,9.3	8,11 14,17
JXPHWJ	Identifiler® Plus					
			17,22		17,18	11,12 9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
					9,9.3	8,11 14,17
JYFV8P	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12 9,10
2		10,12	15,15	18,22	12,13	11,12 12,17
		12,15	28,30	11,15	X,Y	10,12 24,24
				24.2,25.2	9,9.3	8,11 14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JZKJBT	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
K2EUWZ	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
K4LJNW	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
K6E7TZ	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
K6H6BW	Identifiler®					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
K6YD3C	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
KARHTU	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11	24.2,25.2	9,9.3	8,11	14,17
KDRTPU	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

KG43RD	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
KG7RYV	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
KM7BWK	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
KPJEVP	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
KPQDGM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
KQN4YU	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
KQXG76	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
KWGDHL	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

KZGBJK	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
2	11,12	10,11		9,9.3	8,11	14,17
KZW9XH	PowerPlex® Fusion					
	11,12	17,22	11,11	17,18	11,12	9,10
	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
2	11,12	10,11		9,9.3	8,11	14,17
L6RP2J	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
2			9,9.3	8,11	14,17	
L6THVB	PowerPlex® 16					
				17,18	11,12	9,10
	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24
2	11,12	10,11		9,9.3	8,11	14,17
LBCEAC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
2			9,9.3	8,11	14,17	
LBE6GV	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
2			9,9.3	8,11	14,17	
LEFGMF	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
2			9,9.3	8,11	14,17	
LFUW6N	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
2			9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

LFWDEF	Identifiler® Plus						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24	
			9,9.3	8,11	14,17		
LHDCF4	Identifiler®						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24	
			9,9.3	8,11	14,17		
LHTZB4	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		10,11		9,9.3	8,11	14,17	
LJ6PMT	Identifiler® Plus						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24,24	
			9,9.3	8,11	14,17		
LKZ9NU	PowerPlex® 16						
				17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
			28,30	X,Y	10,12	24	
		10,11	9,9.3	8,11	14,17		
LNJ8Z4	Identifiler®						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24	
			9,9.3	8,11	14,17		
LPDKD4	Identifiler® Plus						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24,24	
			9,9.3	8,11	14,17		
LPDQ7C	Identifiler® Plus						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24,24	
			9,9.3	8,11	14,17		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

LQ42W6	Identifiler® Plus, PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
LR8W2G	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
LVP9PL	Identifiler® Plus					
			17,22		17,18	11,12
2			10,12		12,13	11,12
			12,15		X,Y	10,12
					9,9.3	8,11
						14,17
LYLTHJ	Identifiler® Plus					
			17,22		17,18	11,12
2			10,12		12,13	11,12
			12,15		X,Y	10,12
					9,9.3	8,11
						14,17
LZBRHF	PowerPlex® Fusion 6C					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11	24.2,25.2	9,9.3	8,11
						14,17
M26CWL	Identifiler®					
			17,22		17,18	11,12
2			10,12		12,13	11,12
			12,15		X,Y	10,12
					9,9.3	8,11
						14,17
M3ZVXM	Identifiler®					
			17,22		17,18	11,12
2			10,12		12,13	11,12
			12,15		X,Y	10,12
					9,9.3	8,11
						14,17
M66HFX	Identifiler® Plus					
			17,22		17,18	11,12
2			10,12		12,13	11,12
			12,15		X,Y	10,12
					9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

M72X3G	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17
M94WZ3	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
MA6TLJ	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17
MAVKA3	Identifiler® ID Plus						
		-	17,22	-	17,18	11,12	9,10
	2	10,12	-	-	12,13	11,12	12,17
		12,15	28,30	-	X,Y	10,12	24,24
		-	-	-	9,9.3	8,11	14,17
MBP73U	PowerPlex® 16						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
MBXG8Z	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
ME97E4	Identifiler®						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
ME9TLN	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

MF8VQK	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
MFMRBB	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
MFREVR	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
MGHBUC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
MHE7RU	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
MJCGPH	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
MPXFWH	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
MRZRLJ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

MTPTCM	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
MZY8K	GlobalFiler™					
		17,22	11,11	17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	24,24
		24.2,25.2	9,9.3	8,11	14,17	
N2GYXD	PowerPlex® Fusion					
		17,22	11	17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	24
	11,12	10,11	9,9.3	8,11	14,17	
N2HN6W	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
N3TV4H	PowerPlex® FUSION					
		17,22	11,11	17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	24,24
	11,12	10,11	9,9.3	8,11	14,17	
N4DWLZ	Identifiler® DIRECT					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
N4ELRH	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
N6PH9F	GlobalFiler™					
		17,22	11,11	17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	24,24
		24.2,25.2	9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

N7CQ7B	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
N7K2BG	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
N7QCFC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
N8QJXR	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
NA3CCR	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
NAZTYP	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
NBDB9M	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
NDKHPT	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

NE4VNX	PowerPlex® 16			17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
NECPUQ	GlobalFiler™					
	11,12	17,22	11,11	17,18	11,12	9,10
2	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
	-	-	24.2,25.2	9,9.3	8,11	14,17
NF2ZKJ	Identifiler® Plus					
	-	17,22	-	17,18	11,12	9,10
2	10,12	-	-	12,13	11,12	12,17
	12,15	28,30	-	X,Y	10,12	24
	-	-	-	9,9.3	8,11	14,17
NHCMHX	PowerPlex® 16 HS					
				17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
NKNDUM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
NM3QZV	Globalfiler Express					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
			24.2,25.2	9,9.3	8,11	14,17
NNTXY	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
NQPYBP	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

NRYL8H	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17
NV3JHB	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
NV934Y	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
NX6HT3	PowerPlex® 16						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
NX8Z2Z	PowerPlex® 16 HS						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24,24
		11,12	10,11		9,9.3	8,11	14,17
NXRYWC	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
NZKFWC	GlobalFiler™						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
				24.2,25.2	9,9.3	8,11	14,17
P23H76	PowerPlex® 16						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

P3FRJC	Identifiler® Plus					
	-	17,22	-	17,18	11,12	9,10
	2	10,12	-	-	12,13	11,12
	12,15	28,30	-	X,Y	10,12	24
	-	-	-	9,9.3	8,11	14,17
P3L4P8	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
P7LEK8	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
P7ZVC4	PowerPlex® 21					
	11,12	17,22		17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
P86XRY	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
P8KPRQ	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
PAWEGM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
PBQE6K	GlobalFiler™					
	11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PD9CMW	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
PELZ2U	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
PEWHMY	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
PH8PK8	Identifiler® Plus, GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
PHKPDN	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
PKW6ZA	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
PMU7MC	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
PRPZKD	PowerPlex® Fusion					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PRRPQV	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
PVEQ64	GlobalFiler™					
	11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17
PZ4B3R	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
Q28W3P	PowerPlex® 16					
				17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
Q2CD2N	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
Q2FCJK	GlobalFiler™					
	11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12
	12,15	28,30	11,15	X,Y	10,12	24
			24.2,25.2	9,9.3	8,11	14,17
Q6YCRD	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
QACXY	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QBA9U2	PowerPlex® 21					
	11,12	17,22		17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
QE8RXL	Identifiler® Plus					
	17,22			17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
QEAJP2	PowerPlex® 21					
	11,12	17,22		17,18	11,12	9,10
	2	10,12	18,22	12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
QEDNFG	Identifiler®					
	17,22			17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
QEYPBD	Identifiler® Plus					
	17,22			17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
QEYXTR	Identifiler® Plus, MiniFiler™					
	17,22			17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
QHCZBG	Identifiler®					
	17,22			17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
QJ8HDJ	Identifiler®					
	17,22			17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QLMGAE	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
QMZZJC	Identifiler® Plus					
			17,22		17,18	11,12
2					12,13	11,12
					X,Y	10,12
						24
					9,9.3	8,11
						14,17
QNTTEV	Identifiler® Plus					
			17,22		17,18	11,12
2					12,13	11,12
					X,Y	10,12
						24
					9,9.3	8,11
						14,17
QNVHKD	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
QPWX7W	Identifiler®, MiniFiler™					
			17,22		17,18	11,12
2					12,13	11,12
					X,Y	10,12
						24
					9,9.3	8,11
						14,17
QUJCAY	Identifiler® Plus					
			17,22		17,18	11,12
2					12,13	11,12
					X,Y	10,12
						24,24
					9,9.3	8,11
						14,17
QXD36N	Identifiler® Plus					
			17,22		17,18	11,12
2					12,13	11,12
					X,Y	10,12
						24,24
					9,9.3	8,11
						14,17
QZ4CMQ	Identifiler®					
			17,22		17,18	11,12
2					12,13	11,12
					X,Y	10,12
						24
					9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QZ8Z64	PowerPlex® 16			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
R24VFV	Identifiler® Plus			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
R2UXTL	Identifiler® Plus			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
R2YD7M	PowerPlex® Fusion			17,18	11,12	9,10
2		11,12	17,22	11,11	12,13	12,17
		10,12	15,15	18,22	X,Y	24,24
		12,15	28,30	11,15	9,9.3	14,17
		11,12	10,11			
R3JMFL	Identifiler® Plus			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
R73GGT	Identifiler® Plus			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
R764BD	Identifiler® Plus			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
R7H7TY	Identifiler® Plus			17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

R7PP2J	Identifiler® Plus						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24	
				9,9.3	8,11	14,17	
R82MDF	Identifiler®						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24,24	
				9,9.3	8,11	14,17	
RDR2XF	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17
RFXADR	GlobalFiler Express						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
				24.2,25.2	9,9.3	8,11	14,17
RJ6J69	GlobalFiler™						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
				24.2,25.2	9,9.3	8,11	14,17
RKQAT9	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17
RLHHQQ	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
RLKZYM	Identifiler® Plus						
		17,22		17,18	11,12	9,10	
	2	10,12		12,13	11,12	12,17	
		12,15	28,30	X,Y	10,12	24,24	
				9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

RNUAPY	PowerPlex® 16 HS					
				17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24,24
	11,12	10,11		9,9.3	8,11	14,17
RPF2DW	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
RQBJT6	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17
RRNBKL	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
RTJV9L	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
RXDTYX	PowerPlex® 16 HS					
				17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
		28,30		X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
RYWDFE	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
RZYFRK	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

T3Y6B6	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
T3Y7XX	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
T4XYJB	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
	2	10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
T6249Q	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
			9,9.3	8,11	14,17	
TCMWMC	NGM SElect					
		11,12	17,22	11	17,18	
	2	10,12	15	18,22		11,12
		12,15	28,30	11,15	X,Y	24
			24.2,25.2	9,9.3	14,17	
TDJCBU	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
TEN3ZW	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
			9,9.3	8,11	14,17	
TFJL2X	Identifiler® Plus, PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
	2	10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

TGUMPH	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
TN3QDW	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
TNGDMY	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
TNXZV8	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
TQ26LU	PowerPlex® 16 HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24,24
		11,12	10,11	9,9.3	8,11	14,17
TR26Y2	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
TUJ2UX	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
TVJD9L	GlobalFiler™					
	11,12	17,22	11,11	17,18	11,12	9,10
2	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
	-	-	24.2,25.2	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

TYGME	PowerPlex® Fusion						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
		11,12	10,11		9,9.3	8,11	14,17
U2YXH6	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
U3H9J7	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
U7ZJKF	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
					9,9.3	8,11	14,17
U97VEB	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
				24.2,25.2	9,9.3	8,11	14,17
UBPGUR	Identifiler®						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
					9,9.3	8,11	14,17
UCFCAT	PowerPlex® 21						
		11,12	17,22		17,18	11,12	9,10
	2	10,12		18,22	12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
		11,12	10,11		9,9.3	8,11	14,17
UEV9FY	PowerPlex® 16						
					17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
			28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

UF9TAU	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
UJRZLB	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
UN6QYH	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
UNDJE6	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
UNF9LM	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
UNLULW	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
UNXTF7	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
URZRQY	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

UT3ZQV	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
UTM74M	Profiler® Plus					
				17,18	11,12	9,10
2		10,12		12,13		12,17
			28,30	X,Y		24,24
						14,17
UU3P2R	PowerPlex® HS					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24,24
		11,12	10,11	9,9.3	8,11	14,17
UWP6EF	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
UXLK6J	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
UXLKRC	PowerPlex® ESI 16					
		11,12	17,22	11	17,18	
2		10,12	15	18,22		11,12
		12,15	28,30	11,15	X,Y	24
					9,9.3	14,17
V2F2GC	PowerPlex® Fusion					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
V3BKHD	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

V3NJNZ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
V437ZN	GFE					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
V6EUF7	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11	9,9.3	8,11	14,17
V7EEFM	PowerPlex® 16-HS					
				17,18	11,12	9,10
2				12,13	11,12	12,17
			28,30	X,Y	10,12	24
			11,12	10,11	9,9.3	8,11
V8ZAYD	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
V8F3R	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
V8JLC	PowerPlex® Fusion					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11	9,9.3	8,11	14,17
V8RXP	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

VM4DRF	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
VNP6FD	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
VTQA66	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
VUDG3Z	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
VUTBUG	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
VX6NCK	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
VYDZRZ	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
VYTTHP	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

VZAF4X	PowerPlex® 16			17,18	11,12	9,10		
		2	10,12		12,13	11,12	12,17	
				28,30		X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
VZB4UN	GlobalFiler Express		11,12	17,22	11	17,18	11,12	9,10
		2	10,12	15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24
					24.2,25.2	9,9.3	8,11	14,17
W8NN4D	Identifiler® Plus			17,22		17,18	11,12	9,10
		2	10,12			12,13	11,12	12,17
			12,15	28,30		X,Y	10,12	24
						9,9.3	8,11	14,17
WE8XFG	Identifiler® Plus			17,22		17,18	11,12	9,10
		2	10,12			12,13	11,12	12,17
			12,15	28,30		X,Y	10,12	24,24
						9,9.3	8,11	14,17
WEKGDT	PowerPlex® Fusion		11,12	17,22	11	17,18	11,12	9,10
		2	10,12	15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
WFRYYH	Identifiler®			17,22		17,18	11,12	9,10
		2	10,12			12,13	11,12	12,17
			12,15	28,30		X,Y	10,12	24
						9,9.3	8,11	14,17
WG3FYU	PowerPlex® Fusion		11,12	17,22	11	17,18	11,12	9,10
		2	10,12	15	18,22	12,13	11,12	12,17
			12,15	28,30	11,15	X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17
WH69PV	PowerPlex® 16					17,18	11,12	9,10
		2	10,12			12,13	11,12	12,17
				28,30		X,Y	10,12	24
			11,12	10,11		9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WHMENL	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
2	11,12	10,11		9,9.3	8,11	14,17
WJQBVG	Identifiler®					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
			9,9.3	8,11	14,17	
WMA6VN	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
			9,9.3	8,11	14,17	
WNPWZK	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
			9,9.3	8,11	14,17	
WPHJF2	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
			9,9.3	8,11	14,17	
WPWC7Q	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
WQGDN8	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
			9,9.3	8,11	14,17	
WQUMZ8	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24,24
			9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WUHNAA	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
WW3KVE	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
WW9K8F	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
WXEEFK	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2		10,12	15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24
		11,12	10,11		9,9.3	8,11
						14,17
WY7BR8	Investigator IDplex Plus Kit					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
WYL6EF	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2		10,12	15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24
		11,12	10,11		9,9.3	8,11
						14,17
X2MZNP	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2		10,12	15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24
		11,12	10,11		9,9.3	8,11
						14,17
X2U74T	PowerPlex® 16					
				17,18	11,12	9,10
2				12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11
						14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

X3GE3M	PowerPlex® Fusion						
		11,12	17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24
		11,12	10,11		9,9.3	8,11	14,17
X4ENV6	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
X7PZ2U	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17	
X942WT	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17	
XAP974	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17	
XB3RF2	GlobalFiler™						
		11,12	17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	11,12	12,17
		12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17	
XBWXJ2	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17	
XBYMQJ	Identifiler® Plus						
			17,22		17,18	11,12	9,10
	2	10,12			12,13	11,12	12,17
		12,15	28,30		X,Y	10,12	24,24
				9,9.3	8,11	14,17	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

XBZYJE	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
XCWHLF	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
XDBMHT	PowerPlex® 21					
		11,12	17,22	17,18	11,12	9,10
	2	10,12		18,22	12,13	11,12
		12,15	28,30	X,Y	10,12	24,24
		11,12	10,11	9,9.3	8,11	14,17
XD LTC9	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
	2	10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
XE3P69	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
XH24PD	Identifiler®					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
XHDZHB	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
XMBJWF	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
	2	10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	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 2 - STR Results

XMD36C	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
XPTAR6	PowerPlex® Fusion					
		17,22	11,11	17,18	11,12	9,10
	2	10,12	15,15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24,24
		11,12	10,11	9,9.3	8,11	14,17
XXY7DC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
YYX9JR	PowerPlex® Fusion					
		17,22	11	17,18	11,12	9,10
	2	10,12	15	18,22	12,13	12,17
		12,15	28,30	11,15	X,Y	24
		11,12	10,11	9,9.3	8,11	14,17
Y679QN	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
Y9GK7C	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
Y9QCJF	Identifiler® Plus					
		17,22		17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
Y9VHZP	PowerPlex® 16 HS					
				17,18	11,12	9,10
	2	10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

YAMRWC	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
YCHTAL	PowerPlex® 16					
				17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
YDXHMR	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
YDYP3L	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
YEWVY8						
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
YGCPYD	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17
YH6F6R	Identifiler® Plus, PowerPlex® 16 HS					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
YNP2ZL	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

YP2VFL	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
YPH4GA	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
YRX4AM	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
YT24N3	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
YURGX9	GlobalFiler™					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
			24.2,25.2	9,9.3	8,11	14,17
YWVLN3	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
YZ7VEB	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
Z4MF2Q	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24,24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

Z644MY	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
Z6YP3J	PowerPlex® Fusion Direct					
		11,12	17,22	11,11	17,18	11,12
2		10,12	15,15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11		9,9.3	8,11
						14,17
Z9PT8C	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
ZAZJKM	GlobalFiler™					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
ZBUGNM	PowerPlex® 16 HS					
				17,18	11,12	9,10
2				12,13	11,12	12,17
		28,30		X,Y	10,12	24
		11,12	10,11		9,9.3	8,11
						14,17
ZBV2LN	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
ZC82JH	GlobalFiler Express					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
				24.2,25.2	9,9.3	8,11
						14,17
ZE4UTE	Identifiler®					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ZFYDUF	Identifiler® Plus, PowerPlex® 16,Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
ZG2X7N	Identifiler® Direct					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
ZGXF7	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
ZHM8YP	PowerPlex® Fusion					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
	11,12	10,11		9,9.3	8,11	14,17
ZKJVZ7	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
ZKW84W	GlobalFiler™					
	11,12	17,22	11	17,18	11,12	9,10
2	10,12	15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24
			24.2,25.2	9,9.3	8,11	14,17
ZNDY76	Identifiler® Plus					
		17,22		17,18	11,12	9,10
2	10,12			12,13	11,12	12,17
	12,15	28,30		X,Y	10,12	24
				9,9.3	8,11	14,17
ZXRRU9	GlobalFiler™					
	11,12	17,22	11,11	17,18	11,12	9,10
2	10,12	15,15	18,22	12,13	11,12	12,17
	12,15	28,30	11,15	X,Y	10,12	24,24
			24.2,25.2	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ZYWD8M	Identifiler®, MiniFiler™					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
				9,9.3	8,11	14,17
ZZJEPF	Identifiler® Plus, PowerPlex® 16					
		17,22		17,18	11,12	9,10
2		10,12		12,13	11,12	12,17
		12,15	28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17
ZZTTWQ	PowerPlex® Fusion					
		11,12	17,22	11	17,18	11,12
2		10,12	15	18,22	12,13	11,12
		12,15	28,30	11,15	X,Y	10,12
		11,12	10,11	9,9.3	8,11	14,17
ZZWDKT	PowerPlex® 16					
				17,18	11,12	9,10
2				12,13	11,12	12,17
			28,30	X,Y	10,12	24
		11,12	10,11	9,9.3	8,11	14,17

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

223HBM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
23QUWL	Identifiler®, MiniFiler™					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
23XZCN	PowerPlex® 16 HS					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
2422BT	Identifiler® Plus					
	-	17,19	-	16,17	11,11	10,11
3		13,15	-	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		-	-	9.3,9.3	8,9	14,15
2BJ3GC	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3		13,15	14,16	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
2BNLHL	PowerPlex® 16 HS					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
2C6HAL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
2EHJU7	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

2EMZ6C	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
2FUFYB	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	*,13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
2KV2NU	PowerPlex® 16						
				16,17	11	10,11	
	3	13,15			8,11	11,14	13
			28,31.2		X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
2NVCH9	Identifiler® Plus, MiniFiler™						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
2QQZ7M	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
2VRZPR	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
2XHB9E	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
2YGFRU	PowerPlex® 16						
				16,17	11	10,11	
	3	13,15			8,11	11,14	13
			28,31.2		X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

2Z4KXY	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
					9.3,9.3		8,9	14,15
2ZQHDT	PowerPlex® 16				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X,X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
38MNVZ	GlobalFiler™		13,16.3	17,19	10,11	16,17	11,11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
					17,22.2	9.3,9.3	8,9	14,15
3B8HW8	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
3E4D69	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
3E7UR8	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
3EPZQX	PowerPlex® Fusion		13,16.3	17,19	10,11	16,17	11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
3J3KJ	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

3JQVH	Identifiler®	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3M7V36	Identifiler®	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3PKZV	PowerPlex® 16			16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
3W9MBZ	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
3YRP4R	PowerPlex® PP21	13,16.3	17,19	16,17	11,11	10,11
3		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
3ZG48H	Identifiler® Plus	17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
43A8YG	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
43LNJ2	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

43QJE2	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
47396G	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
				9.3	8,9	14,15
479LKL	PowerPlex® 21					
		13,16.3	17,19		16,17	11,11
3		13,15		20,23	8,11	11,14
		14,15.2	28,31.2		X,X	7,11
		9,11	9,17		9.3,9.3	8,9
					8,9	14,15
47AHUG	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
48DXKM	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
					8,9	14,15
48XYMC	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4CPYPQ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
4EJ6KW	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
					8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

4FT23U	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
4JNTWK	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
4KBC46	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
4KMXT7	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
4MC82M	PowerPlex® 16 HS				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
4NGTD2	Identifiler®, NGM		13,16.3	17,19	10,11	16,17	11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
						9.3	8,9	14,15
4Q6WWD	PowerPlex® 16				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
4QTRM3	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

4TEE3H	PowerPlex® 16			16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
4TZR63	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
						14,15
4U672M	PowerPlex® ESI 17					
		13,16.3	17,19	10,11	16,17	
3		13,15	14,16	20,23		11,14
		14,15.2	28,31.2	15,16	X,X	
						21,22
						14,15
4UNW9L	Identifiler®					
			17,19		16,17	11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4XXM2B	Identifiler®					
			17,19		16,17	11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
4YKFEQ	Identifiler® Plus					
		N/A	17,19	N/A	16,17	11,11
3		13,15	N/A	N/A	8,11	11,14
		14,15.2	28,31.2	N/A	X,X	7,11
		N/A	N/A	N/A	9.3,9.3	8,9
						14,15
4YR8J2	Identifiler® Plus					
			17,19		16,17	11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
63M9BH	Identifiler®					
			17,19		16,17	11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

63XBJA	COfiler® and Profiler Plus®					
				16,17	11,11	10,11
3	13,15			8,11		13,13
		28,31.2		X,X		21,22
						14,15
67MGET	PowerPlex® 16					
				16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
67WLEA	Profiler® Plus					
				16,17	11,11	10,11
3	13,15			8,11		13,13
		28,31.2		X,X		21,22
						14,15
68Y8R3	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
69R977	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
6BFFV9	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
6BTDLL	Identifiler® Plus, PowerPlex® 16 HS					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
6DLUM9	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6J9TQ3	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
6K4CT4	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
6KCLKJ	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
6KM99A	Identifiler®						
		-	17,19	-	16,17	11,11	10,11
	3	13,15	-	-	8,11	11,14	13,13
		14,15.2	28,31.2	-	X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
6LFBPX	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
6M2TUC	PowerPlex® Fusion and 16						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
				9.3	8,9	14,15	
6NB3H3	Identifiler®						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
6NDTQ7	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

6QT336	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
					9.3,9.3		8,9	14,15
6UUWX2	GlobalFiler™		17,19	10,11	16,17	11,11	10,11	
		3	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
				17,22.2	9.3,9.3		8,9	14,15
6V3662	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
6WCNZJ	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
					9.3,9.3		8,9	14,15
6X9LKJ	Identifiler® Plus, MiniFiler™		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
					9.3,9.3		8,9	14,15
6XD3HH	PowerPlex® 16 HS				16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
				28,31.2		X,X	7,11	21,22
			9,11	9,17		9.3,9.3	8,9	14,15
6XREDG	PowerPlex® 16 HS				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
6YELBB	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
					9.3,9.3		8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

73FHKB	PowerPlex® Fusion						
	13,16.3	17,19	10,11	16,17	11	10,11	
	3	13,15	14,16	20,23	8,11	11,[13],14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22	
	9,11	9,17		9.3	8,9	14,15	
76DRZX	Identifiler® Plus						
		17,19		16,17	11,11	10,11	
	3	13,15		8,11	11,14	13,13	
	14,15.2	28,31.2		X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		
78UAUC	Identifiler® Plus						
		17,19		16,17	11	10,11	
	3	13,15		8,11	11,14	13	
	14,15.2	28,31.2		X	7,11	21,22	
			9.3	8,9	14,15		
7DVZPU	Identifiler® Plus						
		17,19		16,17	11,11	10,11	
	3	13,15		8,11	11,14	13,13	
	14,15.2	28,31.2		X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		
7GRRV7	PowerPlex® Fusion						
	13,16.3	17,19	10,11	16,17	11	10,11	
	3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22	
	9,11	9,17		9.3	8,9	14,15	
7HG39U	PowerPlex® Fusion						
	13,16.3	17,19	10,11	16,17	11	10,11	
	3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22	
	9,11	9,17		9.3	8,9	14,15	
7HWBB4	PowerPlex® Fusion						
	13,16.3	17,19	10,11	16,17	11	10,11	
	3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22	
	9,11	9,17		9.3	8,9	14,15	
7KYEWX	GlobalFiler™						
	13,16.3	17,19	10,11	16,17	11,11	10,11	
	3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22	
			17,22.2	9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

7L9MN6	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
7LUWYZ	GlobalFiler™		17,19	10,11	16,17	11,11	10,11	
		3	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
				17,22.2	9.3,9.3		8,9	14,15
7NCRBJ	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
7PPRKF	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
					9.3,9.3		8,9	14,15
7PWX2H	PowerPlex® 16 HS				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
7TVAWH	PowerPlex® 16 HS				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
7UPZ3W	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15
7W44MZ	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
					9.3		8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

7WRZ3T	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
7Y3T79	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
7ZXAH6	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
87882G	PowerPlex® 21					
		13,16.3	17,19	-	16,17	11,11
	3	13,15	-	20,23	8,11	11,14
		14,15.2	28,31.2	-	X,X	7,11
	9,11	9,17	-	9.3,9.3	8,9	14,15
88Q4VU	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
89LMWV	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
8APA72	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
8C4MCB	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

8CJVDY	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
8CME3M	PowerPlex® 16						
				16,17	11	10,11	
	3	13,15		8,11	11,14	13	
			28,31.2	X,X	7,11	21,22	
	9,11	9,17	9.3	8,9	14,15		
8DAG9A	Identifiler® Plus						
			17,19	16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
8DY6EC	Identifiler® Plus						
			17,19	16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
8FDHJK	Identifiler® Plus, MiniFiler™						
		n/a	17,19	n/a	16,17	11,11	10,11
	3	13,15	n/a	n/a	8,11	11,14	13,13
		14,15.2	28,31.2	n/a	X,X	7,11	21,22
	n/a	n/a	n/a	9.3,9.3	8,9	14,15	
8KTJQX	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
8NVKTF	NGM SElect						
		13,16.3	17,19	10,11	16,17		
	3	13,15	14,16	20,23		11,14	13,13
		14,15.2	28,31.2	15,16	X,X		21,22
			17,22.2	9.3,9.3		14,15	
8Q6H9H	PowerPlex® 21						
		13,16.3	17,19		16,17	11,11	10,11
	3	13,15		20,23	8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

8QE6CG	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
8REFW8	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
8YN26A	NGM SElect					
		17,19	10,11	16,17		
	3	13,15	14,16	20,23		11,14
		14,15.2	28,31.2	15,16	X,X	
			17,22.2	9.3,9.3		14,15
8YXTJD	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
8YZHPV	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
8ZZAJG	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
93RYQN	Identifiler® Plus, GlobalFiler™					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15
94ZCVJ	Identifiler® Plus, PowerPlex® HS					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

98H28L	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
98LTQB	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
99GCRC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
99PGER	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
9GHPZH	Identifiler® Plus					
		17,19	-	16,17	11,11	10,11
3		13,15	-	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		-	-	9.3,9.3	8,9	14,15
9M2YX4	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
9MKQWF	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
9Q9B6G	Identifiler® Plus					
		17,19	-	16,17	11,11	10,11
3		13,15	-	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		-	-	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

9VQK42	PowerPlex® 16			16,17	11	10,11
3	[13],15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
9Y94PG	PowerPlex® 16 HS			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
9YF3AT	Identifiler® Plus		17,19	16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
9YV8KC	PowerPlex® 16 HS			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
A4HH8F	PowerPlex® 16 HS			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
A6PX2E	Identifiler® Plus		17,19	16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
A778DE	Identifiler® Plus, MiniFiler™		17,19	16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
A9NEE9	Identifiler®		17,19	16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ABU7FF	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ADMPMF	PowerPlex® 16 HS					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
ADPAKG	PowerPlex® 16 HS					
				16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
AHWBB6	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
AJDT4Y	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
AKPJ43	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
AN698C	PowerPlex® 16 HS					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
APXYDQ	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

AQF2AR	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
AQTLTB	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X	7,11	21,22
				9.3,9.3	8,9	14,15
AYQDEC	PowerPlex® 16 HS					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
AYUNJV	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
AYWXKY	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
B3U8HY	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
B8P2FZ	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17	N/A	9.3	8,9	14,15
BAK2UC	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

BCR9BH	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
BDDBF6	Identifiler®, PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
BFXM3H	PowerPlex® 21					
	13,16.3	17,19		16,17	11,11	10,11
3	13,15		20,23	8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
BG3J2R	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
BGKFGX	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
BHGWRA	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
BMLFFU	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
BNUVZ2	Identifiler®					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

BQCNEH	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
BQCYV7	GlobalFiler™			16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15
BV8TT8	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
BVEVFE	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
BVL2VG	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
BVPFRP	PowerPlex® Fusion			16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
BVUGPF	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
BYPQMP	PowerPlex® Fusion			16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

C72DN6	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CAPN8U	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
CAU9XJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
CB4KQ2	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CGWL6M	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
CH8WXC	Identifiler® ID+					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
CHT68N	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
CJEEW9	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CLB327	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3 13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CLU6A7	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
CMJF4F	Identifiler® Plus					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3	8,9	14,15	
CMNWFK	PowerPlex® 16					
				16,17	11	10,11
	3 13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CNCXUZ	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3 13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
CPKF7X	Identifiler® Plus					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
CPXRAP	Identifiler® Plus					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
CQPY88	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

CQTACQ	Identifiler® Plus	17,19		16,17	11,11	10,11	
		13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
				9.3,9.3	8,9	14,15	
CTD3MT	PowerPlex® Fusion	13,16.3	17,19	10,11	16,17	11	10,11
		13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17		9.3	8,9	14,15
CUBAR7	GlobalFiler™	13,16.3	17,19	10,11	16,17	11	10,11
		13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
				17,22.2	9.3	8,9	14,15
CWDBR4	Identifiler® Plus	17,19		16,17	11	10,11	
		13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
				9.3	8,9	14,15	
CYY6KX	Identifiler®	17,19		16,17	11	10,11	
		13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
				9.3	8,9	14,15	
D2GNXZ	Identifiler® Plus	17,19		16,17	11	10,11	
		13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
				9.3	8,9	14,15	
D2WAUV	Identifiler®	17,19		16,17	11	10,11	
		13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
				9.3	8,9	14,15	
D4GMNC	Identifiler® Plus	17,19		16,17	11,11	10,11	
		13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
				9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

D8BKMR	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
D8FXKC	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
D9H3LM	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
D9PZ6Y	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
DDPY4U	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
DH7UXU	PowerPlex® FUSION						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	
DK7UJP	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
DKNQ4C	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

DMBVRW	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
DPTG67	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
DTQ3T3	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
DVT4HD	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
DVUZ4V	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
DZ2RTU	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
E2Z6EE	PowerPlex® 21					
		13,16.3	17,19		16,17	11,11
	3	13,15		20,23	8,11	11,14
		14,15.2	28,31.2		X,X	7,11
	9,11	9,17		9.3,9.3	8,9	14,15
E3Q82U	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

E927TM	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
ECXUAU	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
EEH8NJ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
EFXZT8	PowerPlex® 16 HS					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17	9.3	8,9	14,15	
EGRQYL	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
EJBE68	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
EJX74	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
EJY77R	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ELXKFA	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3	8,9	14,15	
ETFJXM	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
ETL8L2	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
EWXGR6	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
EZ9TW9	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
EZRLK	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
F42EXV	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
FB74RM	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

FCWCP6	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
FD932U	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
FDGW98	PowerPlex® Fusion		13,16.3	17,19	10,11	16,17	11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
FEE82N	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3	8,9	14,15
FFB6NB	PowerPlex® 16 HS				16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
				28,31.2		X,X	7,11	21,22
			9,11	9,17		9.3,9.3	8,9	14,15
FGYQUT	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
FJTBZQ	GlobalFiler™		13,16.3	17,19	10,11	16,17	11,11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
					17,22.2	9.3,9.3	8,9	14,15
FK8RKJ	GlobalFiler™		13,16.3	17,19	10,11	16,17	11,11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
					17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

FL3ALK	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
FM7HE6	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
FT74UV	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
FVRVRJ	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
FWLLXX	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
FZHEK2	PowerPlex® Fusion					
		17,19	10,11	(9),16,17	11	10,11
	3	13,15,(16)	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
G28EAC	Identifiler® Plus					
		17,19	-	16,17	11,11	10,11
	3	13,15	-	8,11	11,14	13,13
		14,15.2	28,31.2	-	X,X	7,11
	-	-	-	9.3,9.3	8,9	14,15
G2ANGN	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

G34EL3	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
G38YCQ	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
G4M9NN	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
G4PXU7	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
G4TPZN	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
G6HQPP	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
G7W3LA	PowerPlex® Fusion, MiniFiler™		13,16.3	17,19	10,11	16,17	11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
G9H3J4	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

G9NJXP	PowerPlex® 16 HS, ES117						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	17,22.2	9.3	8,9	14,15
G9QBZR	PowerPlex® 16						
				16,17	11	10,11	
	3	13,15		8,11	11,14	13	
			28,31.2	X	7,11	21,22	
		9,11	9,17	9.3	8,9	14,15	
GAKWV4	Identifiler® Plus						
			17,19	16,17	11,11	10,11	
	3	13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		
GAPAPR	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
GCBB9K	Identifiler® Plus						
			17,19	16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
GED2MM	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
GF9MFD	PowerPlex® 16						
				16,17	11	10,11	
	3	13,15		8,11	11,14	13	
			28,31.2	X,X	7,11	21,22	
		9,11	9,17	9.3	8,9	14,15	
GJ37VA	Identifiler® Plus						
			17,19	16,17	11,11	10,11	
	3	13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

GJNKJM	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3 13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
GKKMEQ	Identifiler®					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
GLGXJ7	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	3 13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	
GMBJCW	Identifiler® Plus					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
GMQ7LY	Identifiler®					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GQ4HR8	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GRE7PL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GU6XNH	Identifiler® Plus					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

GULNNG	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
GY4CAL	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
H2TRNN	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
H37F47	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			9,11	9,17	9.3	8,9
				8,9	14,15	
H7H93Z	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
H7UNVU	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			9,11	9,17	9.3	8,9
				8,9	14,15	
HB8QJB	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
HC9L23	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

HE667Z	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
HEF4ZX	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HETVN9	PowerPlex® 16 HS					
				16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
HFJCRH	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HLAHCJ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
HMZHFV	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
HPVZWP	Identifiler®					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HRK946	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

HT8DBA	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
HTBHZR	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
HUATTA	PowerPlex® 21					
	13,16.3	17,19		16,17	11,11	10,11
3	13,15		20,23	8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
HXWKJP	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
HZUXH4	PowerPlex® 16 HS					
				16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
HZVJF6	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
J2F3CU	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
J4H6XP	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

J6FAUB	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
J7HT39	PowerPlex® 16 HS			16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
J7NVFJ	GlobalFiler™			16,17	11,11	10,11
3	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
JCP73R	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JDEQRV	GlobalFiler™			16,17	11,11	10,11
3	13,16.3	17,19	10,11	16,17	11,11	10,11
	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
JDQC36	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
JDR7WW	Identifiler®			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JEQCFC	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JFYJKQ	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
JGCM6W	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
JHZQK4	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
						14,15
JKYVGQ	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
JLY48T	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
JPPA2Q	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
JQWXEN	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
JQYNK7	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17		9.3	8,9
						14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

JR74UX	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JW3R9J	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
JW6GF2	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
JXMTQ2	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JXPHWJ	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
JYFV8P	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
JZKJBT	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
K2EUWZ	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

K4LJNW	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
K6E7TZ	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
K6H6BW	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
K6YD3C	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
KARHTU	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
KDRTPU	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
KG43RD	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
KG7RYV	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

KM7BWK	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
KPJEVP	Identifiler® Plus, MiniFiler™		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
KPQDGM	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
KQN4YU	Identifiler®		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
KQXG76	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
KWGDHL	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
KZGBJK	PowerPlex® Fusion		13,16.3	17,19	10,11	16,17	11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
KZW9XH	PowerPlex® Fusion		13,16.3	17,19	10,11	16,17	11,11	10,11
		3	13,15	14,16	20,23	8,11	11,14	13,13
			14,15.2	28,31.2	15,16	X,X	7,11	21,22
			9,11	9,17		9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

L6RP2J	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
L6THVB	PowerPlex® 16			16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
LBCEAC	Identifiler® Plus	17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
LBE6GV	Identifiler® Plus	17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
LEFGMF	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LFUW6N	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LFWDEF	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
LHDCF4	Identifiler®	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

LHTZB4	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
LJ6PMT	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
LKZ9NU	PowerPlex® 16					
				16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
LNJ8Z4	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15
LPDKD4	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
LPDQ7C	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
LQ42W6	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
LR8W2G	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

LVP9PL	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
LYLTHJ	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
LZBRHF	PowerPlex® Fusion 6C					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17	17,22.2	9.3,9.3	8,9	14,15
M26CWL	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
M3ZVXM	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
M66HFX	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
M72X3G	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
M94WZ3	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

MA6TLJ	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
MAVKA3	Identifiler® ID Plus						
		-	17,19	-	16,17	11,11	10,11
	3	13,15	-	-	8,11	11,14	13,13
		14,15.2	28,31.2	-	X,X	7,11	21,22
	-	-	-	9.3,9.3	8,9	14,15	
MBP73U	PowerPlex® 16						
					16,17	11	10,11
	3	13,15			8,11	11,14	13
			28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	
MBXG8Z	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
ME97E4	Identifiler®						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
ME9TLN	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
MF8VQK	Identifiler®						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
MFMRRB	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

MFREVR	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
MGHBUC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
MHE7RU	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	
MJCGPH	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
MPXFWH	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
MRZRLJ	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
MTPTCM	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	
MZY8K	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
		17,22.2	9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

N2GYXD	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
N2HN6W	Identifiler®						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
N3TV4H	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
N4DWLZ	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
N4ELRH	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
N6PH9F	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
N7CQ7B	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
N7K2BG	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

N7QCFC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
N8QXR	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
NA3CCR	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
NAZYP	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
NBDB9M	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
NDKHPT	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
NE4VNX	PowerPlex® 16					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
	9,11	9,17	9.3	8,9	14,15	
NECPUQ	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
	-	-	17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

NF2ZKJ	Identifiler® Plus					
	-	17,19	-	16,17	11	10,11
	3	13,15	-	-	8,11	11,14
		14,15.2	28,31.2	-	X	7,11
		-	-	-	9.3	8,9
NHCMHX	PowerPlex® 16 HS					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
NKNDUM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
NM3QZV	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
NNTXY	Identifiler® Plus, MiniFiler™					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
NQPYBP	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
NRYL8H	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
NV3JHB	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

NV934Y	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NX6HT3	PowerPlex® 16					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NX8Z2Z	PowerPlex® 16 HS					
				16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
NXRYWC	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
NZKFWC	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15
P23H76	PowerPlex® 16					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
P3FRJC	Identifiler® Plus					
	-	17,19	-	16,17	11	10,11
	3	13,15	-	8,11	11,14	13
	14,15.2	28,31.2	-	X	7,11	21,22
	-	-	-	9.3	8,9	14,15
P3L4P8	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

P7LEK8	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
P7ZVC4	PowerPlex® 21					
		13,16.3	17,19	16,17	11,11	10,11
3		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
P86XRY	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
P8KPRQ	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
PAWEGM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
PBQE6K	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
PD9CMW	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
PELZ2U	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PEWHMY	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
PH8PK8	Identifiler® Plus, GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15
PHKPDN	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
PKW6ZA	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
PMU7MC	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
PRPZKD	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
PRRPQV	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
PVEQ64	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PZ4B3R	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3 13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
Q28W3P	PowerPlex® 16					
				16,17	11	10,11
	3 13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
Q2CD2N	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
Q2FCJK	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11	10,11
	3 13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
		17,22.2	9.3	8,9	14,15	
Q6YCRD	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
QACXY	Identifiler® Plus					
		17,19		16,17	11	10,11
	3 13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3	8,9	14,15	
QBA9U2	PowerPlex® 21					
	13,16.3	17,19		16,17	11,11	10,11
	3 13,15		20,23	8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
QE8RXL	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3 13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QEAIJ2	PowerPlex® 21					
	13,16.3	17,19		16,17	11,11	10,11
3	13,15		20,23	8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
QEDNFG	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
QEYPBD	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
QHCZBG	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
QJ8HDJ	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
QLMGAE	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
QMZZJC	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
QNTTEV	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

QNVHKD	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
QPWX7W	Identifiler®, MiniFiler™						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
QUJCAY	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
QXD36N	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
QZ4CMQ	Identifiler®						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
QZ8Z64	PowerPlex® 16						
					16,17	11	10,11
	3	13,15			8,11	11,14	13
			28,31.2		X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
R24VfV	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
R2UXTL	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

R2YD7M	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15	
R3JMFL	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
R73GGT	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
R764BD	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
R7H7TY	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	29,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
R7PP2J	Identifiler® Plus, MiniFiler™						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
R82MDF	Identifiler®						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
RDR2XF	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

RFXADR	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
RJ6J69	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
						14,15
RLKZYM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
RNUAPY	PowerPlex® 16 HS					
				16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
RPF2DW	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
RQBJT6	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
RRNBKL	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
RTJV9L	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

RXDTYX	PowerPlex® 16 HS					
				16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
RYWDFE	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
RZYFRK	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
T3Y6B6	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
T3Y7XX	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
T4XYJB	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
T6249Q	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
TCMWMC	NGM SElect					
	13,16.3	17,19	10,11	16,17		
3	13,15	14,16	20,23		11,14	13
	14,15.2	28,31.2	15,16	X		21,22
			17,22.2	9.3		14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

TDJCBU	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
TEN3ZW	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
TFJL2X	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
TGUMPH	Identifiler® Plus		17,19		16,17	11	10,11	
		3	13,15		8,11	11,14	13	
			14,15.2	28,31.2		X	7,11	21,22
						9.3	8,9	14,15
TN3QDW	PowerPlex® 16 HS				16,17	11	10,11	
		3	13,15		8,11	11,14	13	
				28,31.2		X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
TNGDMY	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
TNXZV8	Identifiler® Plus		17,19		16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
			14,15.2	28,31.2		X,X	7,11	21,22
						9.3,9.3	8,9	14,15
TQ26LU	PowerPlex® 16 HS				16,17	11,11	10,11	
		3	13,15		8,11	11,14	13,13	
				28,31.2		X,X	7,11	21,22
			9,11	9,17		9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

TR26Y2	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
TUJ2UX	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
TVJD9L	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	-	-	17,22.2	9.3,9.3	8,9	14,15
TYGGME	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
U2YXH6	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
U3H9J7	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
U7ZJKF	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
U97VEB	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

UBPGUR	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
UCFCAT	PowerPlex® 21					
		13,16.3	17,19	16,17	11,11	10,11
3		13,15	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3,9.3	8,9	14,15
UEV9FY	PowerPlex® 16					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
UF9TAU	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
UJRZLB	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
UN6QYH	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
UNDJE6	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				17,22.2	9.3	8,9
UNF9LM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

UNLULW	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
UNXTF7	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
URZRQY	PowerPlex® 16			16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
UT3ZQV	GlobalFiler™			16,17	11	10,11
3	13,15	17,19	10,11	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15
UTM74M	Profiler® Plus			16,17	11,11	10,11
3	13,15			8,11		13,13
		28,31.2		X,X		21,22
						14,15
UU3P2R	PowerPlex® HS			16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
		28,31.2		X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
UWP6EF	Identifiler® Plus			16,17	11	10,11
3	13,15	17,19		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
UXLK6J	PowerPlex® Fusion			16,17	11	10,11
3	13,15	17,19	10,11	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

UXLKRC	PowerPlex® ESI 16					
	13,16.3	17,19	10,11	16,17		
3	13,15	14,16	20,23		11,14	13
	14,15.2	28,31.2	15,16	X		21,22
				9.3		14,15
V2F2GC	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
	9,11	9,17		9.3,9.3	8,9	14,15
V3BKHD	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
V3NJNZ	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
V437ZN	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
V6EUFT	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
3	13,15	14,16	20,23	8,11	11,14	13
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
V7EEFM	PowerPlex® 16-HS					
				16,17	11	10,11
3	13,15			8,11	11,14	13
		28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
VBZAYD	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

VE8F3R	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VEJXLC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VLARXP	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
VM4DRF	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VNP6FD	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
VTQA66	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
VUDG3Z	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
VUTBUG	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
		9,11	9,17	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

VX6NCK	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
VYZRZ	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
VYTTHP	Identifiler®						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
VZAF4X	PowerPlex® 16						
					16,17	11	10,11
	3	13,15			8,11	11,14	13
			28,31.2		X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
VZB4UN	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
W8NN4D	Identifiler® Plus, MiniFiler™						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
WE8XFG	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
WEKGDT	PowerPlex® HS						
					16,17	11	10,11
	3	13,15			8,11	11,14	13
			28,31.2		X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WFRYYH	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
WG3FYU	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
WH69PV	PowerPlex® 16					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
WHMENL	PowerPlex® Fusion					
		17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17		9.3	8,9	14,15
WJQBVG	Identifiler®					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
WMA6VN	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
WNPWZK	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	
WPHJF2	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WPWC7Q	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
WQGDN8	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
WQUMZ8	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
WUHNA A	Identifiler®						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
WW3KVE	Identifiler® Plus, MiniFiler™						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
WW9K8F	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
WXEEFK	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
WY7BR8	Investigator IDplex Plus Kit						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

WYL6EF	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
X2MZNP	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	16	X	7,11	21,22
	9,11	17		9.3	8,9	14,15
X2U74T	PowerPlex® 16					
				16,17	11	10,11
	3	13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
X3GE3M	PowerPlex® Fusion					
	13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14
	14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
X4ENV6	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3	8,9	14,15	
X7PZ2U	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
X942WT	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	3	13,15		8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3,9.3	8,9	14,15	
XAP974	Identifiler® Plus					
		17,19		16,17	11	10,11
	3	13,15		8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
			9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

XB3RF2	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15	
XBWXJ2	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
XBYMQJ	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
XBZYJE	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
XCWHLF	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
XDBMHT	PowerPlex® 21						
		13,16.3	17,19		16,17	11,11	10,11
	3	13,15		20,23	8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
		9,11	9,17		9.3,9.3	8,9	14,15
XDLTC9	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17		9.3	8,9	14,15
XE3P69	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

XH24PD	Identifiler®						
		17,19		16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
XHDZHB	Identifiler® Plus						
		17,19		16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
XMBJWF	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			9.3	8,9	14,15		
XMD36C	Identifiler® Plus						
		17,19		16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		
XPTAR6	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11,11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13,13
		14,15.2	28,31.2	15,16	X,X	7,11	21,22
			9.3,9.3	8,9	14,15		
XYX9JR	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			9.3	8,9	14,15		
Y679QN	Identifiler® Plus						
		17,19		16,17	11,11	10,11	
	3	13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		
Y9GK7C	Identifiler® Plus						
		17,19		16,17	11	10,11	
	3	13,15		8,11	11,14	13	
		14,15.2	28,31.2	X	7,11	21,22	
			9.3	8,9	14,15		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

Y9QCJF	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
Y9VHZP	PowerPlex® 16 HS					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
YAMRWC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
YCHTAL	PowerPlex® 16					
				16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
YDXHMR	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
YDYP3L	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
YEWVY8						
		13,16.3	17,19	10,11	16,17	11,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
						14,15
YGCPYD	Identifiler®					
		17,19		16,17	11,11	10,11
3		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

YH6F6R	Identifiler® Plus, PowerPlex® 16 HS					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15
YNP2ZL	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3	8,9	14,15
YP2VFL	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
YPH4GA	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
YRX4AM	Identifiler®					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
YT24N3	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15
YURGX9	GlobalFiler™					
	13,16.3	17,19	10,11	16,17	11,11	10,11
3	13,15	14,16	20,23	8,11	11,14	13,13
	14,15.2	28,31.2	15,16	X,X	7,11	21,22
			17,22.2	9.3,9.3	8,9	14,15
YWVLN3	Identifiler® Plus					
		17,19		16,17	11	10,11
3	13,15			8,11	11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

YZ7VEB	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
Z4MF2Q	Identifiler® Plus						
			17,19		16,17	11,11	10,11
	3	13,15			8,11	11,14	13,13
		14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15	
Z644MY	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
Z6YP3J	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
Z9PT8C	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	
ZAZJKM	GlobalFiler™						
		13,16.3	17,19	10,11	16,17	11	10,11
	3	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
			17,22.2	9.3	8,9	14,15	
ZBUGNM	PowerPlex® 16 HS						
					16,17	11	10,11
	3	13,15			8,11	11,14	13
			28,31.2		X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15	
ZBV2LN	Identifiler® Plus						
			17,19		16,17	11	10,11
	3	13,15			8,11	11,14	13
		14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ZC82JH	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZE4UTE	Identifiler®					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZFYDUF	Identifiler® Plus, PowerPlex® 16,Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
ZG2X7N	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZGXTF7	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZHM8YP	PowerPlex® Fusion					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15
ZKJVZ7	Identifiler® Plus					
		17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZKW84W	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
			17,22.2	9.3	8,9	14,15

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

ZNDY76	Identifiler® Plus	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZXRRU9	GlobalFiler™	17,19	10,11	16,17	11,11	10,11
3		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
			17,22.2	9.3,9.3	8,9	14,15
ZYWD8M	Identifiler®, MiniFiler™	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
				9.3	8,9	14,15
ZZJEFF	Identifiler® Plus, PowerPlex® 16	17,19		16,17	11	10,11
3		13,15		8,11	11,14	13
		14,15.2	28,31.2	X	7,11	21,22
		9,11	9,17	6,9.3	8,9	14,15
ZZTTWQ	PowerPlex® 16 HS			16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15
ZZWDKT	PowerPlex® 16			16,17	11	10,11
3		13,15		8,11	11,14	13
			28,31.2	X,X	7,11	21,22
		9,11	9,17	9.3	8,9	14,15

TABLE 2

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

Item 3e - STR Results

AJAEAB	Identifiler®					
		17,19		16,17	11,11	10,11
3e		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
RKQAT9	GlobalFiler™					
		13,16.3	17,19	10,11	16,17	11,11
3e		13,15	[12],14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X,X	7,11
				17,22.2	9.3,9.3	8,9
XXY7DC	Identifiler® Plus					
		17,19		16,17	11,11	10,11
3e		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15

TABLE 2

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

Item 3sp - STR Results

AJAEAB	Identifiler®					
		ND		[16],Inc.	[11],Inc.	ND
3sp	[13],[15]			[8],[11]	ND	[13],Inc.
	[15.2],Inc.	ND		[X],Inc.	[7],Inc.	ND
				[9.3],Inc.	ND	[14],Inc.
XY7DC	Identifiler® Plus					
3sp					11	
				9.3		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

3ZG48H	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19
4JNTWK	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19
6NDTQ7	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19
7L9MN6	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19
7PPRKF	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19
AQTLTB	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19
BFXM3H	PowerPlex® 21	13,16.3,17,17.3	17,19,22	15,16,17	11,12	10,11
4	12,13,14,15		18,20,22,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9,3	8,9	14,15,16,19
CPKF7X	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

G7W3LA	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4 12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
JQYNK7	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4 12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
K6YD3C	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4 12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
LHTZB4	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4 12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
LQ42W6	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4 12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
M66HFX	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4 12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
ME9TLN	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4 12,13,14,15			8,10,11	10,11,14,15	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
NNTXY	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4 12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	D3S1358	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

PD9CMW	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
R73GGT	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
RPF2DW	Identifiler® Plus					
		14,19,22		15,16,17	11,12	10,11
	4	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
TCMWMC	NGM SElect					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17		
	4	12,13,14,15	13,14,16	18,20,23	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	18,21,22
			16,17,22.2	6,9.3	14,15,16,19	
TGUMPH	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
UCFCAT	PowerPlex® 21					
	13,16.3,[17.3]	17,19,[22]		[15],16,17	11,[12]	10,11
	4	13,[14],15		[18],20,23	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30.2],31.2	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		9.3,9.3	8,9	14,15,[19]
UNDJE6	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
			16,17,22.2	6,9.3	8,9	14,15,16,19
UTM74M	Profiler® Plus					
				15,16	12,12	10,11
	4	12,14		10,11		13,15
			30,30.2	X,Y		18,22
					16,19	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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UWP6EF	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
UXLKRC	PowerPlex® ESI 16	17,19,[22]	10,11,[11.3],[12]	[15],16,17		
4		[12],13,[14],15	[13],14,16	[18],20,23	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	[18],21,22
				[6],9.3		14,15,[16],[19]
WMA6VN	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
XLTC9	PowerPlex® Fusion	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4		[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	[18],21,22
		9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]
Y9GK7C	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	21,22
				6,9.3	8,9	14,15,16

TABLE 2

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

Item 4e - STR Results

223HBM	Identifiler® Plus					
		17,19		16,17	11,11	10,11
4e		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
23QUWL	Identifiler®, MiniFiler™					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
23XZCN	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	9,17	6,9.3	8,9	14,15,16,19
2422BT	Identifiler® Plus					
	-	17,19,[22]	-	[15],16,17	11,[12]	10,11
4e		[12],13,[14],15	-	8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
		-	-	[6],9.3	8,9	14,15,[16],[19]
2BJ3GC	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e		[12],13,[14],15	[13],14,16	[18],20,23	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	[18],21,22
		9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]
2BNLHL	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
2C6HAL	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
2EHJU7	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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2EMZ6C	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
2FUFYB	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
2KV2NU	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
2NVCH9	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,12	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
2QQZ7M	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
2VRZPR	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
2XHB9E	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
2YGFRU	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

2Z4KXY	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
2ZQHDT	PowerPlex® 16			15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		28,30,30.2,31.2		X,Y	7,11	18,21,22		
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
38MNVZ	GlobalFiler™	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11	
		12,13,14,15		13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22	
				16,17,22.2	6,9.3	8,9	14,15,16,19	
3B8HW8	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
3E4D69	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
3E7UR8	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
3EPZQX	PowerPlex® Fusion	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11	
		12,13,14,15		13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22	
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
3J3KJ	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		

TABLE 2

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

Item 4e - STR Results

3JQVH	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
3M7V36	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
3PKZFV	PowerPlex® 16			15,16,17	11,12	10,11
4e				8,10,11	10,11,14	13
			28,30,30.2,31.2	X,Y	7,11	21,22
		9,11	9,17	6,9.3	8,9	14,15,16,19
3W9MBZ	Identifiler® Plus	17,19,[22]		[15^],16,17	11,[12]	10,11
4e		[12^],13,[14],15		8,[10],11	[10],11,14	13,[15^]
		[13],14,[15],15.2	28,[30^],[30.2],31.2	X,[Y^]	7,11	[18^],21,22
				[6^],9.3	8,9	14,15,[19]
3YRP4R	PowerPlex® PP21	13,16.3,17,17.3	17,19,22	15,16,17	11,12	10,11
4e		12,13,14,15	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
43A8YG	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
43LNJ2	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
43QJE2	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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47396G	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
479LKL	PowerPlex® 21					
	13,16.3,17,17.3	17,19,22		15,16,17	11,12	10,11
	12,13,14,15		18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
47AHUG	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],30.2,31.2		X,Y	7,11	[18],21,22
			6,9.3	8,9	14,15,[16],[19]	
48DXKM	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
48XYMC	Identifiler®					
		[17],19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	13,14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	[7],11	[18],21,22
			[6],9.3	8,[9]	14,15,16,19	
4CPYPQ	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
4EJ6KW	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
4FT23U	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

4KBC46	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
4KMXT7	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
4MC82M	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e				8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
4NGTD2	Identifiler®, NGM	13,16.3	17,19	10,11	16,17	11
4e		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
				9.3	8,9	14,15
4Q6VWD	PowerPlex® 16			[15],16,17	11,[12]	10,11
4e		[12],[13],[14],15		8,[10],11	[10],11,14	13,[15]
			28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
		9,11,[13]	[7],9,17	[6],9.3	8,[9]	14,15,[16],[19]
4QTRM3	Identifiler®	17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
4TEE3H	PowerPlex® 16			15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
4TZR63	GlobalFiler™	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	15,16,17	11,12
4e		12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14
		13,14,[15],15.2	28,[30],30.2,31.2	15,16	X,[Y]	7,11
				16,17,22.2	6,9.3	8,9
						14,15,[16],19

TABLE 2

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

Item 4e - STR Results

4U672M	PowerPlex® ESI 17					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17		
4e	12,13,14,15	13,14,16	18,20,23		10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y		18,21,22
			16,17,22.2	6,9.3		14,15,16,19
4UNW9L	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
4XMX2B	Identifiler®					
		17,19,[22]		[15],16,[17]	11,[12]	10,11
4e	[12],13,[14],15			[8],[10],11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2		X,[Y]	[7],11	18,21,22
				[6],9.3	8,[9]	14,15,16,19
4YKFEQ	Identifiler® Plus					
	N/A	17,19,22	N/A	15,16,17	11,12	10,11
4e	12,13,14,15	N/A	N/A	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	N/A	X,Y	7,11	18,21,22
	N/A	N/A	N/A	6,9.3	8,9	14,15,16,19
4YR8J2	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
63M9BH	Identifiler®					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
67MGET	PowerPlex® 16					
				15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
68Y8R3	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

69R977	Identifiler® Plus	17,19,[22]		[15],16,17	11,12	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
6BFFV9	PowerPlex® Fusion	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
6BTDLL	Identifiler® Plus, PowerPlex® 16 HS	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
6DLUM9	Identifiler® Plus	17,19,[22]		[15],16,17	11,11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
6J9TQ3	GlobalFiler™	13,16.3,17.3	17,19,22	10,11,[11.3],[12]	15,16,17	11,12
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,[15],15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19
6K4CT4	GlobalFiler™	13,16.3,[17.3]	17,19,22	10,11,11.3,12	15,16,17	11,12
4e	12,13,[14],15	13,14,16	[18],20,23	8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			16,17,22.2	6,9.3	8,9	14,15,16,[19]
6KCLKJ	Identifiler® Plus	17,19		16,17	11,11	10,11
4e	13,15			8,11	11,14	13,13
	14,15.2	28,31.2		X,X	7,11	21,22
				9.3,9.3	8,9	14,15
6KM99A	Identifiler®	-	17,19,22	-	15,16,17	11,12
4e	12,13,14,15	-	-	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	-	X,Y	7,11	18,21,22
	-	-	-	6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

6LFBPX	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
6M2TUC	PowerPlex® Fusion and 16						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	
6NB3H3	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
6QT336	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
6UUWX2	GlobalFiler™						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,[15]
		13,14,15,15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,[16],[19]	
6V3662	Identifiler®						
		17,19		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,19		
6WCNZJ	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
6X9LKJ	Identifiler® Plus						
		17,19,[22]		[15],16,[17]	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,[9]	14,15,[16],[19]		

TABLE 2

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

Item 4e - STR Results

6XD3HH	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
6XREDG	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
6YELBB	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
73FHKB	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[9],[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
76DRZX	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
78UAUC	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11
4e	13,15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30.2],31.2		X	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
7DVZPU	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
7GRRV7	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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7HG39U	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
7HWBB4	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
7KYEWX	GlobalFiler™					
	13,16.3,[17],[17.3]	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,[16],[19]	
7LUWYZ	GlobalFiler™					
	13,16.3,[17.3]	17,19,22	10,11,[11.3],[12]	15,16,17	11,[12]	10,11
	12,13,14,15	13,14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
		16,17,22.2	[6],9.3	8,9	14,15,[16],[19]	
7NCRBJ	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
7PWX2H	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
7TVAWH	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
7UPZ3W	Identifiler® Plus					
		17,19,[22 ^]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30 ^],[30.2],31.2		X,[Y ^]	7,11	[18 ^],21,22
			[6],9.3	8,9	14,15,[16],[19]	

TABLE 2

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

Item 4e - STR Results

7W44MZ	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
7WRZ3T	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
7Y3T79	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
7ZXAH6	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,12	10,11
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
87882G	PowerPlex® 21					
		13,16.3,17	17,19	-	15,16,17	11,11
	4e	12,13,14,15	-	20,23	8,11	10,11,14
		13,14,15.2	28,30.2,31.2	-	X,X	7,11
	9,11	7,9,17	-	9.3,9.3	8,9	14,15
88Q4VU	Identifiler® Plus					
		17,19,[22]		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,[Y]	7,11	18,21,22
			[6],9.3	8,9	14,15,16,19	
89LMWV	GlobalFiler™					
		13,16.3,[17],[17.3]	17,19,22	10,11,[11.3],[12]	[15],16,17	11,12
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,10,11	10,11,14
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11
			16,17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]
8APA72	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

8C4MCB	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
8CJVDY	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
8CME3M	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
8DAG9A	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,22
			*6,9.3	8,9	14,15,16	
8DY6EC	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13
	13,14,15,15.2	28,30,31.2		X,Y	7,11	21,22
			6,9.3	8,9	14,15,19	
8FDHJK	Identifiler® Plus, MiniFiler™					
	n/a	17,19,22	n/a	15,16,17	11,12	10,11
	12,13,14,15	n/a	n/a	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	n/a	X,Y	7,11	18,21,22
	n/a	n/a	6,9.3	8,9	14,15,16,19	
8KTJQX	GlobalFiler™					
	13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,[16],19	
8NVKTF	NGM SElect					
	13,16.3	17,19	10,11.3,12	15,16,17		
	12,13,14,15	13,14,16	20,23		10,11,14	13,13
	13,14,15,15.2	28,31.2	15,16	X,Y		18,21,22
		16,17,22.2	9.3,9.3		14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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8Q6H9H	PowerPlex® 21					
	13,16.3,17,17.3	17,19,22		15,16,17	11,12	10,11
	12,13,14,15		18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
8QE6CG	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
8REFW8	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
8YN26A	NGM SElect					
	13,16.3,[17.3]	17,19,[22]	10,11,[11.3],[12]	15,16,17		
	12,13,14,15	13,14,16	[18],20,23		10,11,14	13,15
	[13],14,15,15.2	28,[30],30.2,31.2	15,16	X,Y		[18],21,22
		[16],17,22.2	[6],9.3			14,15,[16],[19]
8YXTJD	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
8YZHPV	Identifiler® Plus					
		17,19,[22]		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,30,30.2,31.2		X,[Y]	7,11	18,21,22
			[6],9.3	8,9	14,15,16,19	
8ZZAJG	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
93RYQN	Identifiler® Plus, GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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94ZCVJ	Identifiler® Plus, PowerPlex® HS					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
98H28L	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
98LTQB	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
99GCRC	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
99PGER	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
9GHPZH	Identifiler® Plus					
	-	17,19,[22]	-	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	-	-	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	-	X,[Y]	7,11	[18],21,22
	-	-	-	[6],9.3	8,9	14,15,[16],[19]
9M2YX4	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
9MKQWF	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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9Q9B6G	Identifiler® Plus					
	-	17,19,[22]	-	[15],16,17	11,[12]	10,11
	[12],13,[14],15	-	-	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	-	X,[Y]	7,11	[18],21,22
	-	-	-	[6],9.3	8,9	14,15,[16],[19]
9VQK42	PowerPlex® 16					
				[15],16,17	11,[12]	10,11
	[12],[13],[14],15			8,[10],11	10,11,14	13,[15]
		28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,[9]	14,15,[16],[19]
9Y94PG	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
9YF3AT	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,12	10,11
	12,13,14,15			8,[10],11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],30.2,31.2		X,[Y]	7,11	18,21,22
			[6],9.3	8,9	14,15,[16],[19]	
9YV8KC	PowerPlex® 16 HS					
				[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
		28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
A4HH8F	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
A6PX2E	Identifiler® Plus					
		17,19		16,17	11	10,11
	13,15			8,11	11,14	13
	14,15.2	28,31.2		X,X	7,11	21,22
			9.3	8,9	14,15	
A778DE	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	[7],11	[18],21,22
			[6],9.3	8,[9]	14,15,[16],[19]	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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A9NEE9	Identifiler®		17,19,[22]		[15],16,17	11,[12]	10,11	
		4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
			[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	[7],11	[18],21,22
						[6],9.3	8,[9]	14,15,[16],[19]
ABU7FF	Identifiler®		17,19,22		15,16,17	11,12	10,11	
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
						6,9.3	8,9	14,15,16,19
ADMPMF	PowerPlex® 16 HS				15,16,17	11,12	10,11	
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
				28,30,30.2,31.2		X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
ADPAKG	PowerPlex® 16 HS				15,16,17	11,12	10,11	
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
				28,30,30.2,31.2		X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
AHWBB6	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11	
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
						6,9.3	8,9	14,15,16,19
AJAEAB	Identifiler®		17,19,[22]		[15],16,17	11,12	10,11	
		4e	[12],13,[14],15		8,10,11	10,11,14	13,[15]	
			13,14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	18,21,22
						6,9.3	8,9	14,15,[16],[19]
AJDT4Y	PowerPlex® Fusion	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11	
		4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
			[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	[7],11	[18],21,22
			9,11,[13]	[7],9,[13],17		[6],9.3	8,[9]	14,15,[16],[19]
AKPJ43	Identifiler® Plus		17,19,[22]		15,16,17	11,12	10,11	
		4e	12,13,14,15		8,[10],11	10,11,14	13,[15]	
			13,14,15,15.2	28,30,30.2,31.2		X,[Y]	7,11	18,21,22
						[6],9.3	8,9	14,15,[16],[19]

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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AN698C	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
APXYDQ	Identifiler® Plus			15,16,17	11,12	10,11
4e	12,13,14,15	17,19,22		8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
AQF2AR	Identifiler® Plus			15,16,17	11,12	10,11
4e	12,13,14,15	17,19,22		8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
AYQDEC	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
AYUNJV	Identifiler® Plus			[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	17,19,[22]		8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
AYWXY	Identifiler®			15,16,17	11,12	10,11
4e	12,13,14,15	17,19,22		8,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
B3U8HY	Identifiler®			[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	17,19,[22]		8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
B8P2FZ	PowerPlex® Fusion			9,15,16,17	11,12	10,11
4e	13,16.3,17,17.3	17,19,22	10,11,11.3,12	8,10,11	10,11,14	13,15
	12,13,14,15	13,14,16	18,20,23	X,Y	7,11	18,21,22
	13,14,15,15.2	28,29*,30,30.2,31.2	15,16	6,9.3	8,9	14,15,16,19
	9,11,13	7,9,13,17				

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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BAK2UC	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
BDDBF6	Identifiler®, PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
BG3J2R	Identifiler® Plus					
		17,19,[22^]		[15],16,17	11,[12]	10,11
	[12^],13,[14],15			8,[10],11	10,11,14	13,[15^]
	[13^],14,[15^],15.2	28,[30^],[30.2],31.2		X,[Y^]	7,11	[18^],21,22
			[6^],9.3	8,9	14,15,[16^],[19^]	
BGKFGX	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
BHGWRA	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
BMLFFU	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
BNUVZ2	Identifiler®					
		17,19,[22]		[15],16,17	11,12	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
BQCNEH	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

BQCW7	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
BV8T8	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
BVEVFE	Identifiler® Plus					
		19		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	11	18,21,22
			6,9.3	8,9	14,15,16,19	
BVL2VG	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
BVPFRP	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
BVUGPF	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
BYPQMP	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11,12
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
C72DN6	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[9],[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[18],[19]	

TABLE 2

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

Item 4e - STR Results

CAPN8U	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[X],[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
CAU9XJ	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
CB4KQ2	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	
					14,15,[16],[19]	
CGWL6M	Identifiler® Plus					
		17,19,[22]		15,16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15 ^]
		13,14,15,15.2	28,30,30.2,31.2	X,[Y]	7,11	[18 ^],21,22
			[6],9.3	8,9	14,15,[16],[19]	
CH8WXC	Identifiler® ID+					
		17,19		16,17	11	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13
		14,15.2	28,31.2	X	7,11	21,22
			6,9.3	8,9	14,15	
CHT68N	Identifiler® Plus					
		17,19,22		16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16	
CJEEW9	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
	9,11,13	7,9,13,17		6,9.3	8,9	
					14,15,16,19	
CLB327	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
	9,11,13	7,9,13,17		6,9.3	8,9	
					14,15,16,19	

TABLE 2

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

Item 4e - STR Results

CLU6A7	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
CMJF4F	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
CMNWFK	PowerPlex® 16						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
CNCXUZ	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
CPXRAP	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
CQPY88	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
CQTACQ	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
CTD3MT	PowerPlex® Fusion						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,[17]	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	[7],11	[18],21,22
	9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]		

TABLE 2

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

Item 4e - STR Results

CUBAR7	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
CWDBR4	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
CYY6KX	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	[12],13,[14],15			8,10,11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,Y	7,11	18,21,22
			[6],9.3	8,9	14,15,[16],[19]	
D2GNXZ	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
D2WAUV	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
D4GMNC	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
D8BKMR	GlobalFiler™					
	13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,[15]
	13,14,[15],15.2	28,30,30.2,31.2	15,16	X,Y	7,11	[18],21,22
		16,17,22.2	6,9.3	8,9	14,15,[16],[19]	
D8FXKC	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

D9H3LM	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
D9PZ6Y	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,X,[Y]	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
DDPY4U	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[X],[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
DH7UXU	PowerPlex® FUSION						
		13,16.3	17,19	10,11	16,17	11	10,11
	4e	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	
DK7UJP	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
DKNQ4C	PowerPlex® Fusion						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]	
DMBVRW	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
DPTG67	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		

TABLE 2

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

Item 4e - STR Results

DTQ3T3	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
DVT4HD	Identifiler®						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	[7],11	[18],21,22	
			[6],9.3	8,[9]	14,15,[16],[19]		
DVUZ4V	GlobalFiler™						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19	
DZ2RTU	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
E2Z6EE	PowerPlex® 21						
		13,16.3,[17],[17.3]	17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	[12],13,[14],15		[18],20,23	8,11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
	9,11,[13]	9,17		[6],9.3,9.3	8,9	14,15,[16],[19]	
E3Q82U	Identifiler®						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
E927TM	GlobalFiler™						
		13,16.3,[17.3]	17,19,[22]	10,11,[11.3]	15,16,17	11,11,12	10,11
	4e	[12],13,[14],15	13,14,16	[18],20,23	8,10,11	[10],11,14	13,13,[15]
		13,14,15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11	[18],21,22
			17,22.2	6,9.3,9.3	8,9	14,15,[16],[19]	
ECXUUA	GlobalFiler™						
		13,16.3,[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	[7],11	[18],21,22
			[16],17,22.2	[6],9.3	8,9	14,15,[16],[19]	

TABLE 2

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

Item 4e - STR Results

EEH8NJ	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
EFXZT8	PowerPlex® 16 HS			15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		28,30,30.2,31.2		X,Y	7,11	18,21,22		
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
EGRQYL	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
EJBE68	Identifiler®	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
EJJX74	Identifiler® Plus	17,19		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15		
EJY77R	GlobalFiler™	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,11,12	10,11	
		12,13,14,15		13,14,16	18,20,23	8,10,11	10,11,14	13,13,15
		13,14,15,15.2	28,30,[30.2],31.2	15,16	X,Y	7,11	18,21,22	
				16,17,22.2	6,9.3,9.3	8,9	14,15,16,19	
ELXKFA	Identifiler®	17,19,22		15,16,17	11,12	10,11		
		12,13,14,15		8,10,11	10,11,14	13,15		
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22		
				6,9.3	8,9	14,15,16,19		
ETFJXM	PowerPlex® Fusion	13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11	
		12,13,14,15		13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22	
		9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

ETL8L2	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
EWXGR6	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
EZ9TW9	Identifiler® Plus	17,19,[22]		[15],16,17	11,11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
EZXRLK	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
F42EXV	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11
4e		12,13,14,15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
FB74RM	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
FCWCP6	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
FD932U	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

FDGW98	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
FEE82N	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
FFB6NB	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
FGYQUT	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
FJTBZQ	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,[12]	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,[16],19	
FK8RKJ	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
FL3ALK	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
FM7HE6	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

FT74UV	Identifiler®		17,19,22		15,16,17	11,12	10,11	
	4e		12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
					6,9.3	8,9	14,15,16,19	
FVRVRJ	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11	
	4e		12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
					6,9.3	8,9	14,15,16,19	
FWLLXX	Identifiler® Plus		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e		13,[14],15		8,[10],11	[10],11,14	13,[15]	
			[13],14,[15],15.2	28,[30],[30.2],31.2	X	7,11	[18],21,22	
					[6],9.3	8,9	14,15,[16],[19]	
FZHEK2	PowerPlex® Fusion		13,16.3,17,17.3	17,19,22	10,11,11.3,12	9,15,16,17	11,12	10,11
	4e		12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
			13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
G28EAC	Identifiler® Plus		-	17,19,[22]	-	[15],16,17	11,[12]	10,11
	4e		[12],13,[14],15	-	-	8,[10],11	[10],11,14	13,[15]
			[13],14,[15],15.2	28,[30],[30.2],31.2	-	X,[Y]	7,11	[18],21,22
			-	-	-	[6],9.3	8,9	14,15,[16],[19]
G2ANGN	PowerPlex® Fusion		13,16.3,[17],17.3	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e		[12],13,14,15	[13],14,16	[18],20,23	8,[10],11	10,[11],14	13,[15]
			[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			9,11,[13]	7,9,[13],17		[6],9.3	8,9	14,15,16,[19]
G34EL3	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11	
	4e		12,13,14,15		8,10,11	10,11,14	13	
			13,14,15,15.2	28,30.2,31.2	X,Y	7,11	21,22	
					6,9.3	8,9	14,15,16,19	
G38YCQ	Identifiler® Plus		17,19		[15],16,17	11,11,[12]	10,11	
	4e		[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
			[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
					[6],9.3,9.3	8,9	14,15,[16],[19]	

TABLE 2

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

Item 4e - STR Results

G4M9NN	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
G4PXU7	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
G4TPZN	Identifiler® Plus					
		17,22		15,16,17	11	10,11
	4e	13,14,15		8,11	10,11,14	13
		14	28,30,30.2,31.2	X	7,11	21,22
			[6],9.3	8,9		
G6HQPP	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[X],[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
G9H3J4	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
G9NJXP	PowerPlex® 16 HS, ES117					
		13,16.3	17,19	10,11	16,17	11
	4e	13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
	9,11	9,17	17,22.2	9.3	8,9	14,15
G9QBZR	PowerPlex® 16					
				[15],16,17	11,[12]	10,11
	4e	12,13,14,15		8,[10],11	[10],11,14	13
			28,[30],31.2	X,[Y]	7,11	[18],21,22
	9,11	9,17		[6],9.3	8,9	14,15,[16],[19]
GAKWV4	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

GAPAPR 4e	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,15,15.2	28,[30],[30.2],[31.2]	15,16	X,[Y]	[7],11	[18],21,22
	9,11,13	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
GCBB9K 4e	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
GED2MM 4e	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,[19]	
GF9MFD 4e	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
GJ37VA 4e	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
GJNKJM 4e	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
GKKMEQ 4e	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
GLGXJ7 4e	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

GMBJCW	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
					6,9.3	8,9	14,15,16,19
GMQ7LY	Identifiler®		17,19,22		[15],16,17	11,11,[12]	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,13
		[13],14,[15],15.2	28,30,30.2,31.2		X,X,[Y]	7,11	[18],21,22
					[6],9.3,9.3	8,9	14,15,16
GQ4HR8	Identifiler® Plus		17,19		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13
		14,15.2	28,31.2		X,X	7,11	21,22
					9.3	8,9	14,15
GRE7PL	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
					6,9.3	8,9	14,15,16,19
GU6XNH	Identifiler® Plus		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15			8,[10],11	10,11,14	13,[15 ^]
		[13],14,[15 ^],15.2	28,[30 ^],[30.2],31.2		X,[Y ^]	7,11	[18 ^],21,22
					[6],9.3	8,9	14,15,[16 ^],[19 ^]
GULNNG	Identifiler® Plus		17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
					[6],9.3,9.3	8,9	14,15,[16],[19]
GY4CAL	GlobalFiler™		17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
				16,17,22.2	6,9.3	8,9	14,15,16,19
H2TRNN	COfiler® and Profiler Plus®, Identifiler® Plus		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
					[6],9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

H37F47	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
H7H93Z	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
H7UNVU	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
HB8QJB	Identifiler® Plus, MiniFiler™					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
HC9L23	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,[15]
	13,14,[15],15.2	28,[30],[30.2],31.2		X,Y	7,11	[18],21,22
			6,9.3	8,9	14,15,[16],[19]	
HE667Z	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
HEF4ZX	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
HETVN9	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

HFJCRH	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
HLAHCJ	GlobalFiler™	17,19,22	10,11,[11.3],12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,[16],[19]
HMZHFV	PowerPlex® Fusion	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,13	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
HPVZWP	Identifiler®	17,19,[22]		[15],16,17	11,11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	10,11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,8,[9]	14,15,[16],[19]
HRK946	Identifiler®	17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,14,15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,[9]	14,15,[16],[19]
HT8DBA	Identifiler® Plus, MiniFiler™	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
HTBHZR	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
HUATTA	PowerPlex® 21	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15		18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

HXWKJP	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16]		
HZUXH4	PowerPlex® 16 HS						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
HZVJF6	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	[7],11	[18],21,22	
			[6],9.3	8,[9]	14,15,[16],[19]		
J2F3CU	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
J4H6XP	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
J6FAUB	PowerPlex® 16						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11	9,17	6,9.3	8,9	14,15,16,19		
J7HT39	PowerPlex® 16 HS						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
J7NVFJ	GlobalFiler™						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			[16],17,22.2	[6],9.3	8,9	14,15,[16],[19]	

TABLE 2

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

Item 4e - STR Results

JCP73R	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
JDEQRV	GlobalFiler™	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12
4e		12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
				16,17,22.2	6,9.3	8,9
						14,15,16,19
JDQC36	Identifiler® Plus	17,19		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
JDR7WW	Identifiler®	17,19,[22]		15,16,17	11,12	10,11
4e		[12],13,[14],15		8,10,11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
JEQCFC	PowerPlex® 16			15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
JFYJKQ	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
JGCM6W	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
JHZQK4	PowerPlex® Fusion	13,16.3	17,19	10,11	16,17	11
4e		13,15	14,16	20,23	8,11	11,14
		14,15.2	28,31.2	15,16	X	7,11
		9,11	9,17	9.3	8,9	14,15

TABLE 2

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

Item 4e - STR Results

JKYVGQ	Identifiler®					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
JLY48T	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
JPPA2Q	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,Y	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
JQWXEN	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,X,[X],[Y]	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
JR74UX	PowerPlex® 16					
				[15],16,17	11,[12]	10,11
	4e	[12],[13],[14],15		8,[10],11	[10],11,14	13,[15]
			28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]	
JW3R9J	PowerPlex® Fusion					
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
	9,11,13	7,9,13,17		6,9.3	8,9	
					14,15,16,19	
JW6GF2	PowerPlex® Fusion					
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
	9,11	7,9,13,17		6,9.3	8,9	
					14,15,16,19	
JXMTQ2	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

JXPHWJ	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
JYFV8P	GlobalFiler™						
		13,16.3,[17.3]	17,19,[22]	10,11,[11.3],[12]	15,16,17	11,11,12	10,11
	4e	[12],13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11	[18],21,22
			17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]	
JZKJBT	PowerPlex® Fusion						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11	[18],21,22
			9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]
K2EUWZ	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11,12	10,11
	4e	15	14,16	20,23	8,11	10,11,14	13,15
		14,15.2	31.2	15	X,Y	7,11	21,22
			11	9,13,17	6,9.3	8,9	14,15
K4LJNW	Identifiler® Plus						
		17,19,22		16,17	11,12	10,11	
	4e	13,15		8,10,11	10,11,14	13	
		14,15.2	28,30,31.2	X	7,11	18,21,22	
			9.3	8,9	14,15,16		
K6E7TZ	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
K6H6BW	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
KARHTU	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	[7],11	[18],21,22	
			[6],9.3	8,[9]	14,15,[16],[19]		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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KDRTPU	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	[7],11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
KG43RD	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
KG7RYV	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
KM7BWK	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
KPJEVP	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,Y	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
KPQDGM	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
KQN4YU	Identifiler®					
		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
			[6],9.3	8,[9]	14,15,[16],[19]	
KQXG76	Identifiler® Plus					
		17,19		16,17	11,11	10,11
	4e	13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
			9.3,9.3	8,9	14,15	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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KWGDHL	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
KZGBJK	PowerPlex® Fusion	13,16.3	17,19	10,11	16,17	11	10,11
	4e	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
		9,11	9,17		9.3	8,9	14,15
KZW9XH	PowerPlex® Fusion	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
L6RP2J	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13	
		13,14,15,15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
				[6],9.3	8,9	14,15,[16],[19]	
L6THVB	PowerPlex® 16			15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
LBCEAC	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
LBE6GV	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
LEFGMF	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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LFUW6N	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
LFWDEF	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
LHDCF4	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
LJ6PMT	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
LKZ9NU	PowerPlex® 16						
				[15],16,17	11,[12]	10,11	
	4e	[12],[13],[14],15		8,[10],11	[10],11,14	13	
		28,[30.2],31.2		X,[Y]	7,11	[18],21,22	
	9,11,[13]	9,17	[6],9.3	8,9	14,15,[19]		
LNJ8Z4	GlobalFiler™						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19	
LPDKD4	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[(15)]	
		[13],14,[(15)],15.2	28,[*30*],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[*19*]		
LPDQ7C	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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LR8W2G	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,[16],19	
LVP9PL	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
LYLTHJ	Identifiler® Plus					
		17,19,[22]		15,16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,[13],14	13
	[13],14,15.2	28,[30.2],31.2		X	[7],11	21,22
			9.3	8,9	14,15	
LZBRHF	PowerPlex® Fusion 6C					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17	[16],17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]
M26CWL	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
M3ZVXM	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
M72X3G	GlobalFiler™					
	13,16.3,[17],[17.3]	17,19,22	10,11,[11.3],[12]	15,16,17	11,12	10,11
	[12],13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
		16,17,22.2	[6],9.3	8,9	14,15,[16],[19]	
M94WZ3	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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MA6TLJ	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	
MAVKA3	Identifiler® ID Plus					
	-	[17],19,22	-	15,16,[17]	[11],12	10,11
	12,[13],14,[15]	-	-	[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]	-	X,Y	[7],11	18,[21],22
	-	-	6,9.3	8,[9]	[14],[15],16,19	
MBP73U	PowerPlex® 16					
				[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
		28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17	[6],9.3	8,[9]	14,15,[16],[19]	
MBXG8Z	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
ME97E4	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
MF8VQK	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
MFMRRB	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
MFREVR	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

MGHBUC	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
					6,9.3	8,9	14,15,16,19
MHE7RU	GlobalFiler™		17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
				16,17,22.2	6,9.3	8,9	14,15,16,19
MJCGPH	Identifiler® Plus		17,19,[22]		[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
					[6],9.3	8,9	14,15,[16],[19]
MPXFWH	Identifiler®		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
					6,9.3	8,9	14,15,16,19
MRZRLJ	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X	7,11	21,22
					6,9.3	8,9	14,15,16,19
MTPTCM	Identifiler®		17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
					6,9.3	8,9	14,15,16,19
MZYL8K	GlobalFiler™		17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11	18,21,22
				16,17,22.2	6,9.3	8,9	14,15,16,19
N2GYXD	PowerPlex® Fusion		17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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N2HN6W	Identifiler®	17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
				[6],9.3,9.3	8,9	14,15,[16],[19]	
N3TV4H	Identifiler® Plus	17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[X],[Y]	7,11	[18],21,22	
				[6],9.3,9.3	8,9	14,15,[16],[19]	
N4DWLZ	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,[15],15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
N4ELRH	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
				[6],9.3	8,9	14,15,[16],[19]	
N6PH9F	GlobalFiler™	13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
				16,17,22.2	6,9.3	8,9	14,15,[16],19
N7CQ7B	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
N7K2BG	GlobalFiler™	13,16.3,17,17.3	17,19,22	10,11,[11.3],12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,[15]
		13,14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
				16,17,22.2	6,9.3	8,9	14,15,[16],19
N7QCFC	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

N8QJXR	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
NA3CCR	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
NAZTYP	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
NBDB9M	Identifiler® Plus						
		17,19		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
NDKHPT	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
NE4VNX	PowerPlex® 16						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
NECPUQ	GlobalFiler™						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	-	-	16,17,22.2	6,9.3	8,9	14,15,16,19	
NF2ZKJ	Identifiler® Plus						
		-	17,19	-	[15],16,17	11,[12]	10,11
	4e	13,[14],15	-	-	8,[10],11	[10],11,14	13
		[13],14,15.2	28,[30.2],31.2	-	X	7,11	21,22
	-	-	-	[6],9.3	[8],8,9	[14],14,15	

TABLE 2

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

Item 4e - STR Results

NHCMHX	PowerPlex® 16 HS			15,16,17	11,12	10,11		
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
				28,30,30.2,31.2	X,Y	7,11	18,21,22	
			9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
NKNDUM	Identifiler® Plus		17,19,[22]	[15],16,17	11,11,[12]	10,11		
		4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
			[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
					[6],9.3,9.3	8,9	14,15,[16],[19]	
NM3QZV	Identifiler® Plus		17,19,[22]	[15],16,17	11,[12]	10,11		
		4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
			13,14,15,15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
					[6],9.3	8,[9]	14,15,16,19	
NQPYBP	PowerPlex® Fusion		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
		4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
			13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
NRYL8H	GlobalFiler™		13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
		4e	13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
			13,14,[15],15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
					16,17,22.2	6,9.3	8,9	14,15,16,[19]
NV3JHB	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11	
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
					6,9.3	8,9	14,15,16,19	
NV934Y	PowerPlex® Fusion		13,16.3	17,19	10,11	16,17	11	10,11
		4e	13,15	14,16	20,23	8,11	11,14	13
			14,15.2	28,31.2	15,16	X	7,11	21,22
			9,11	9,17		9.3	8,9	14,15
NX6HT3	PowerPlex® 16				15,16,17	11,12	10,11	
		4e	12,13,14,15		8,10,11	10,11,14	13,15	
				28,30,30.2,31.2		X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

NX8Z2Z	PowerPlex® 16 HS			15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
NXRYWC	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	
NZKFWC	GlobalFiler™						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	13,14,16	[18],20,23	8,10,11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			[16],17,22.2	[6],9.3	8,9	14,15,[16],[19]	
P23H76	PowerPlex® 16						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
P3FRJC	Identifiler® Plus						
		-	17,19,22	-	15,16,17	11,12	10,11
	4e	12,13,14,15	-	-	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	-	X,Y	7,11	18,21,22
	-	-	-	6,9.3	8,9	14,15,16,19	
P3L4P8	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19	
P7LEK8	Identifiler® Plus						
			17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	[12],13,[14],15			8,[10],11	10,11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]	
P7ZVC4	PowerPlex® 21						
		13,16.3,17,17.3	17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15		18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

P86XRY	Identifiler® Plus					
		17,19		16,17	11	10,11
4e	13,15			8,11	10,11	13
	14,15.2	28,31.2		X	7,11	22
				9.3	8,9	15
P8KPRQ	Identifiler®					
		17,19,[22]		[15],16,[17]	11,12	10,11
4e	[12],13,[14],15			8,10,11	10,11,14	13,[15]
	13,14,[15],15.2	28,30,30.2,31.2		X,[Y]	[7],11	[18],21,22
				[6],9.3	8,[9]	14,15,16,19
PAWEGM	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
PBQE6K	GlobalFiler™					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			[16],17,22.2	[6],9.3	8,9	14,15,[16],[19]
PELZ2U	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16
PEWHMY	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
PH8PK8	Identifiler® Plus, GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19
PHKPDN	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

PKW6ZA	GlobalFiler™					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,10,11	10,11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11	[18],21,22
		[16],17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]	
PMU7MC	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
PRPZKD	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
PRRPQV	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
PVEQ64	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	20,23	8,10,11	10,11,14	13
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		17,22.2	6,9.3		14,15,16,19	
PZ4B3R	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
Q28W3P	PowerPlex® 16					
				[15],16,17	11,[12]	10,11
	[12],13,15			8,[10],11	[10],11,14	13,[15]
		28,[30.2],31.2		X,[Y]	7,11	21,22
	9,11	9,17	[6],9.3	8,9	14,15	
Q2CD2N	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

Q2FCJK	GlobalFiler™					
	13,16.3,[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			[16],17,22.2	[6],9.3	8,9	14,15,[16],[19]
Q6YCRD	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
QBA9U2	PowerPlex® 21					
	13,16.3,[17],[17.3]	17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15		[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[19]
QE8RXL	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	10,11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
QEAJP2	PowerPlex® 21					
	13,16.3,17,17.3	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15		18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
QEDNFG	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
QEYPBD	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
QHCZBG	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

QJ8HDJ	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
QLMGAE	GlobalFiler™					
		13,16.3,[17.3]	17,19,22	10,11,[11.3],[12]	15,16,17	11,12
4e		12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,[15],15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11
				16,17,22.2	6,9.3	8,9
						14,15,16,[19]
QMZZJC	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
QNTTEV	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
QNVHKD	GlobalFiler™					
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,11,[12]
4e		[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11
				[16],17,22.2	[6],9.3,9.3	8,9
						14,15,[16],[19]
QPWX7W	Identifiler®, MiniFiler™					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
QUJCAY	Identifiler® Plus					
		17,19		16,17	11,11	10,11
4e		13,15		8,11	11,14	13,13
		14,15.2	28,31.2	X,X	7,11	21,22
				9.3,9.3	8,9	14,15
QXD36N	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

QZ4CMQ	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
QZ8Z64	PowerPlex® 16			15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
R24VfV	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
R2UXtL	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
R2YD7M	PowerPlex® Fusion	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12
4e		12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
R3JMfL	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
R764BD	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
R7H7TY	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

R7PP2J	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
R82MDF	Identifiler®						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,[10],11	10,11,14	13,[15]	
		13,14,15,15.2	28,30,30.2,31.2	X,X,[Y]	[7],11	18,21,22	
			[6],9.3,9.3	8,[9]	14,15,16,19		
RDR2XF	GlobalFiler™						
		13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,13,[15]
		13,14,15,15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11	[18],21,22
			16,17,22.2	6,9.3,9.3	8,9	14,15,[16],[19]	
RFXADR	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13	
		13,14,15,15.2	28,30.2,31.2	X	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
RJ6J69	GlobalFiler™						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
			[16],17,22.2	[6],9.3	8,9	14,15,[16],[19]	
RKQAT9	GlobalFiler™						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,12	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,10,11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11	[18],21,22
			[16],17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]	
RLKZYM	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,13,[15]	
		13,14,15,15.2	28,30,30.2,31.2	X,X,[Y]	7,11	18,21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
RNUAPY	PowerPlex® 16 HS						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		

TABLE 2

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

Item 4e - STR Results

RQBJT6	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
RRNBKL	PowerPlex® Fusion	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
RTJV9L	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
RXDTYX	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
RYWDFE	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	21,22
				6,9.3	8,9	14,15,16,19
RZYFRK	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
T3Y6B6	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
T3Y7XX	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4e - STR Results

T4XYJB	GlobalFiler™					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,[Y]	7,11	[18],21,22
		[16],17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]	
T6249Q	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
TDJCBU	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
TEN3ZW	Identifiler® Plus					
		17,19,[(22)]		[15],16,17	11,11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[(15)]
	[13],14,[15],15.2	28,[(30)],[30.2],31.2		X,X,[(Y)]	7,11	[18],21,22
			[(6)],9.3,9.3	8,9	14,15,[(16)],[(19)]	
TFJL2X	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
TN3QDW	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
TNGDMY	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
TNXZV8	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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TQ26LU	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,7,9.3	8,9	14,15,16,19
TR26Y2	PowerPlex® 16			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	21,22
	9,11	7,9,17		6,9.3	8,9	14,15,16,19
TUJ2UX	PowerPlex® Fusion					
4e	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11	[7],9,17		[6],9.3	8,9	14,15,[16],[19]
TVJD9L	GlobalFiler™					
4e	13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,31.2	15,16	X	7,11	21,22
	-	-	16,17,22.2	6,9.3	8,9	14,15
TYGGME	Identifiler® Plus					
4e		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
U2YXH6	Identifiler® Plus					
4e		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
U3H9J7	Identifiler® Plus					
4e		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
U7ZJKF	Identifiler® Plus					
4e		17,19,[22]		15,16,17	11,12	10,11
	[12],13,[14],15			8,10,11	10,11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

U97VEB	GlobalFiler™						
		13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,X,Y	7,11	18,21,22
			16,17,22.2	6,9,3,9.3	8,9	14,15,16,19	
UBPGUR	Identifiler®						
			17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19	
UEV9FY	PowerPlex® 16						
					15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
			28,30,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9,3	8,9	14,15,19	
UF9TAU	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19	
UJRZLB	GlobalFiler™						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,15
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11	[18],21,22
			16,17,22.2	[6],9,3	8,9	14,15,[16],[19]	
UN6QYH	Identifiler® Plus						
			17,19,[22]		[15],16,17	11,11,[12]	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,13
		13,14,15,15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
				[6],9,3,9.3	8,9	14,15,[16],[19]	
UNF9LM	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9,3	8,9	14,15,16,19	
UNLULW	PowerPlex® 16						
					15,16,17	11,12	10,11
	4e	12,13,14,15			8,10,11	10,11,14	13,15
			28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9,3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

UNXTF7	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
URZRQY	PowerPlex® 16					
				15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
UT3ZQV	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19
UU3P2R	PowerPlex® HS					
				16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
UXLK6J	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,13,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
V2F2GC	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	18,20,23	8,11	10,11,14	13,13
	13,14,15.2,18	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
V3BKHD	Identifiler® Plus					
		17,19		16,17	11	10,11
4e	13,15			8,[10],11	10,11,14	13
	14,15.2	28,31.2		X	7,11	21,22
				9.3	8,9	15,16
V3NJNZ	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

V437ZN	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,10,11	10,11,14	13,[15]
		13,14,15,15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,16,19
V6EUFT	PowerPlex® Fusion	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]
4e		[12],13,[14],15	[13],14,16	[18],20,23	[8],[10],11	[10],11,14
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11
		9,11,[13]	[7],9,[13],17		[6],9.3	8,9
						14,15,[16],[19]
V7EEFM	PowerPlex® 16-HS			[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
			28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
		9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]
VBZAYD	Identifiler®	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
VE8F3R	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
VEJXLC	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,X,X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
VLARXP	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
VM4DRF	Identifiler® Plus	17,19		[15],16,17	11,11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

VNP6FD	GlobalFiler™					
	[13],[16.3],17,17.3	[17],19,[22]	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
	12,[13],14,[15]	13,[14],16	18,[20],23	[8],10,11	10,[11],[14]	13,[15]
	13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,[Y]	[7],11	18,[21],22
		[16],17,[22.2]	6,9.3	8,[9]	[14],15,16,19	
VTQA66	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	21,22
			6,9.3	8,9	14,15,16,19	
VUDG3Z	Identifiler® Plus					
		17,19,[22]		15,16,17	11,[12]	10,11
	[12],13,[14],15			8,10,11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	
VUTBUG	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
VX6NCK	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	
VYDZRZ	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
VYTHP	Identifiler®					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
VZAF4X	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

VZB4UN	Identifiler® Plus					
		17,19		16,17	11,12	10,11
4e		13,14,15		8,11	10,11,14	13
		13,14,15.2	28,30.2,31.2	X	7,11	21,22
				6,9.3	8,9	14,15
W8NN4D	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	10,11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
WE8XFG	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	10,11,14	13,13,[15]
		13,14,15,15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22
				[6],9.3,9.3	8,9	14,15,[16],[19]
WEKGD	PowerPlex® HS					
				15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
WFRYYH	Identifiler®					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e		[12],13,[14],15		8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16]
WG3FYU	PowerPlex® Fusion					
		13,16.3,[17],[17.3]	17,19,[22]	10,11,11.3,[12]	[15],16,17	11,[12]
4e		[12],13,[14],15	14,16	[18],20,23	8,[10],11	10,11,14
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11
		9,11,[13]	[7],9,17	[6],9.3	8,[9]	14,15,[16],[19]
WH69PV	PowerPlex® 16					
				15,16,17	11,12	10,11
4e		12,13,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19
WHMENL	PowerPlex® Fusion					
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]
4e		[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11
		9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

WJQBVG	Identifiler®	17,19		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
				9.3	8,9	14,15,[16],[19]	
WNPWZK	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
				[6],9.3	8,9	14,15,[16],[19]	
WPHJF2	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
WPWC7Q	PowerPlex® Fusion	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
WQGDN8	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,[10],11	10,11,14	13,[15]	
		13,14,[15],15.2	28,30,30.2,31.2	X,[Y]	7,11	[18],21,22	
				[6],9.3	8,9	14,15,[16],19	
WQUMZ8	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
WUHNAA	Identifiler®	17,19,[22]		15,16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,Y	7,11	[18],21,22	
				[6],9.3	8,9	14,15,[16],[19]	
WW3KVE	Identifiler® Plus	17,19,[22]		[15],16,17	11,12	10,11	
	4e	[12],13,[14],15		8,[10],11	10,11,14	13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
				[6],9.3	8,9	14,15,[16],[19]	

TABLE 2

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

Item 4e - STR Results

WW9K8F	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	12,13,14,15		8,[10],11	10,11,14	13,13,[15]	
		[13],14,[15],15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
WXEEFK	PowerPlex® Fusion						
		13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
		[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]	
WY7BR8	Investigator IDplex Plus Kit						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	13,[14],15		8,[10],11	[10],11,14	13,13,[15]	
		[13],14,15.2	28,[30],[30.2],31.2	X,X,[Y]	7,11	[18],21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
WYL6EF	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11	7,9,13,17		6,9.3	8,9	14,15,16,19	
X2MZNP	PowerPlex® Fusion						
		13,16.3	17,19	10,11	16,17	11	10,11
	4e	13,15	14,16	20,23	8,11	11,14	13
		14,15.2	28,31.2	15,16	X	7,11	21,22
	9,11	9,17		9.3	8,9	14,15	
X2U74T	PowerPlex® 16						
				15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	
X3GE3M	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	
X4ENV6	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		

TABLE 2

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

Item 4e - STR Results

X7PZ2U	Identifiler® Plus						
		17,19		16,17	11,11	10,11	
	4e	13,15		8,11	11,14	13,13	
		14,15.2	28,31.2	X,X	7,11	21,22	
			9.3,9.3	8,9	14,15		
X942WT	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15]	
		14,[15],15.2	28,[30],[30.2],31.2	X,[Y]	7,11	[18],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
XAP974	Identifiler® Plus						
		17,19,[22 ^]		[15],16,17	11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,[15 ^]	
		[13],14,[15],15.2	28,[30 ^],[30.2],31.2	X,[Y ^]	7,11	[18 ^],21,22	
			[6],9.3	8,9	14,15,[16],[19]		
XB3RF2	GlobalFiler™						
		13,16.3,17,17.3	17,19,22	10,11,11.3,[12]	15,16,17	11,12	10,11
	4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,[15]
		13,14,15,15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,[16],19	
XBWXJ2	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
XBYMQJ	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
XBZYJE	Identifiler® Plus						
		17,19,[22]		[15],16,17	11,11,[12]	10,11	
	4e	[12],13,[14],15		8,[10],11	[10],11,14	13,13	
		14,[15],15.2	28,[30],[30.2],31.2	X,X	7,11	21,22	
			[6],9.3,9.3	8,9	14,15,[16],[19]		
XCWHLF	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4e	12,13,14,15		8,10,11	10,11,14	13,13,[15]	
		13,14,15,15.2	28,30,30.2,31.2	X,X,[Y]	7,11	18,21,22	
			[6],9.3,9.3	8,9	14,15,16,19		

TABLE 2

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

Item 4e - STR Results

XDBMHT	PowerPlex® 21					
	13,16.3,17,17.3	17,19,22		15,16,17	11,12	10,11
	12,13,14,15		18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
XE3P69	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
XH24PD	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
	[12],13,[14],15			8,10,11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	18,21,22
			[6],9.3	8,9	14,15,[16],[19]	
XHDZHB	Identifiler® Plus					
		17,19		15,17	11	10,11
	13,15			8,11	10,[11],14	13
	14,15.2	28,30.2,31.2		X,Y	7,11	21,22
			9.3	8,9	[14],15,19	
XMBJWF	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
XMD36C	Identifiler® Plus					
		17,19		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,15.2	28,[30],[30.2],31.2		X	7,11	21,22
			9.3	8,9	14,15	
XPTAR6	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
XXY7DC	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

XYX9JR	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]
Y679QN	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,11,[12]	10,11
	[12],13,[14],15			8,[10],11	[10],11,14	13,13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,X,[Y]	7,11	[18],21,22
			[6],9.3,9.3	8,9	14,15,[16],[19]	
Y9QCJF	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
Y9VHZP	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
YAMRWC	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
YCHTAL	PowerPlex® 16					
				15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
YDXHMR	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
YDYP3L	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
			[6],9.3	8,9	14,15,[16],[19]	

TABLE 2

WebCode	D1S1656	D2S1338	D2S441	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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YEWVY8	13,16.3,[17],[17.3]	17,19,[19],[22]	10,11,[11.3],[12]	[15],[16],16,17	11,11,[12],[12]	[10],10,[11],11
4e	[12],13,[14],15	[13],14,16,[16]	[18],20,[23],23	8,[10],[11],11	[10],[10],11,14	13,13,[13],[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	[15],15,[16],16	X,X,[X],[Y]	7,11,[11],[11]	[18],21,22,[22]
			[16],[17],17,22.2	[6],[9.3],9.3,9.3	[8],[8],8,9	14,15,[16],[19]
YGCPYD	Identifiler®					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
YH6F6R	Identifiler® Plus, PowerPlex® 16 HS					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
YNP2ZL	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2		X,Y	7,11	[18],21,22
				6,9.3	8,9	14,15,16,19
YP2VFL	Identifiler® Plus					
		17,19,[22]		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,[15],15.2	28,30,30.2,31.2		X,Y	7,11	[18],21,22
				6,9.3	8,9	14,15,[16],[19]
YPH4GA	GlobalFiler™					
	13,16.3,17,[17.3]	17,19,22	10,11,11.3,[12]	15,16,17	11,11,12	10,11
4e	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,13,[15]
	13,14,[15],15.2	28,[30],[30.2],31.2	15,16	X,X,Y	7,11	18,21,22
			16,17,22.2	6,9.3,9.3	8,9	14,15,[16],19
YRX4AM	Identifiler®					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
YT24N3	Identifiler® Plus					
		17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

YURGX9	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,13,[15]
	13,14,[15],15.2	28,[30],30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,[16],19	
YWVLN3	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
YZ7VEB	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17	[6],9.3	8,9	14,15,[16],[19]	
Z4MF2Q	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
Z644MY	Identifiler® Plus					
		17,19,22		16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
Z6YP3J	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,15			8,10,11	10,11,14	13
	13,14,15,15.2	28,30,30.2,31.2		X	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
Z9PT8C	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
ZAZJKM	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		16,17,22.2	6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4e - STR Results

ZBUGNM	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
ZBV2LN	Identifiler® Plus					
		17,19,[22]		16,17	11,12	10,11
4e	[12],13,14,15			8,10,11	10,11,14	13,[15]
	13,14,[15],15.2	28,[30],[30.2],31.2		X,Y	7,11	[18],21,22
				6,9.3	8,9	14,15,16,[19]
ZC82JH	Identifiler® Plus					
		17,19		16,17	11,12	10,11
4e	13,15			8,10,11	11,14	13
	14,15.2	28,31.2		X,Y	7,11	21,22
				9.3	8,9	14,15
ZE4UTE	Identifiler®					
		17,19,22		15,16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	10,11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	18,21,22
				[6],9.3	8,9	14,15,[16],[19]
ZFYDUF	Identifiler® Plus, PowerPlex® 16,Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
ZG2X7N	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,[30],[30.2],31.2		X,Y	7,11	[18],21,22
				6,9.3	8,9	14,15,[16],19
ZGXF7	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
ZHM8YP	PowerPlex® Fusion					
	13,16.3,[17],[17.3]	17,19,[22]	10,11,[11.3],[12]	[15],16,17	11,[12]	10,11
4e	[12],13,[14],15	[13],14,16	[18],20,23	8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,[Y]	7,11	[18],21,22
	9,11,[13]	[7],9,[13],17		[6],9.3	8,9	14,15,[16],[19]

TABLE 2

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

Item 4e - STR Results

ZKJVZ7	Identifiler® Plus	17,19,[22]		[15],16,17	11,[12]	10,11
4e	[12],13,[14],15			8,[10],11	[10],11,14	13,[15]
	[13],14,[15],15.2	28,[30],[30.2],31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,[16],[19]
ZKW84W	GlobalFiler™	13,16.3,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12
4e	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19
ZNDY76	Identifiler® Plus	17,19		15,16,17	11,12	10,11
4e	[12],13,15			8,11	[10],11,14	13
	14,15,15.2	28,[30],31.2		X	7,11	21,22
				[6],9.3	8,9	14,15,16
ZXRRU9	GlobalFiler™	13,16.3,17,[17.3]	17,19,22	10,11,[11.3],12	15,16,17	11,11,12
4e	12,13,14,15	13,14,16	[18],20,23	8,10,11	10,11,14	13,13,15
	[13],14,[15],15.2	28,[30],[30.2],31.2	15,16	X,Y	7,11	[18],21,22
			16,17,22.2	[6],9.3,9.3	8,9	14,15,[16],[19]
ZYWD8M	Identifiler®, MiniFiler™	17,19,[22]		15,16,17	11,[12]	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,[15]
	13,14,15,15.2	28,30,30.2,31.2		X,[Y]	7,11	[18],21,22
				[6],9.3	8,9	14,15,16,19
ZZJEFF	Identifiler® Plus, PowerPlex® 16	17,19,22		15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
ZZTTWQ	PowerPlex® 16 HS			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
ZZWDKT	PowerPlex® 16			15,16,17	11,12	10,11
4e	12,13,14,15			8,10,11	10,11,14	13
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11	7,9,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

223HBM	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
23QUWL	Identifiler®, MiniFiler™					
		19,22		15,16	12	
4sp					10	
		15		X	11	22
				6	8	16
23XZCN	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
4sp				8,10,11	10,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
		9,11,13	7,9,13,17	6,9.3	8,9	15,16,19
2422BT	Identifiler® Plus					
	-	19,22	-	15,16	12,12	10,11
4sp		12,14	-	10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
		-	-	6,9.3	8,8	16,19
2BJ3GC	PowerPlex® Fusion					
		17,17.3	19,22	11.3,12	15,16	12
4sp		12,14	13,16	18,23	10,11	10
		13,15	30,30.2	15,16	X,Y	11
		11,13	7,13		6,9.3	8
					8	16,19
2BNLHL	PowerPlex® 16 HS					
				15,16	12	10,11
4sp				10,11	10	13,15
		30,30.2		X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
2C6HAL	Identifiler® Plus					
		[17],19,22		15,16	12,12	10,11
4sp		12,14		[8],10,11	10,10	13,15
		13,15	30,30.2,[31.2]	X,Y	11,11	18,22
				6,9.3	8,8	16,19
2EHJU7	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

2EMZ6C	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
2FUFYB	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4sp	12,13,14,15			8,10,11	10,14	13,15
		13,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,22
					6,9.3	8	14,16,19
2KV2NU	PowerPlex® 16						
					15,16	12	10,11
	4sp	12,14,15			10,11	10,14	13,15
			30,30.2		X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
2NVCH9	Identifiler® Plus						
			19,22		15,16,[17]	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
2QQZ7M	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	[11],12	10,11
	4sp	12,14,[15]	13,16	18,23	10,11	10,[11],[14]	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
2VRZPR	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19
2XHB9E	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
2YGFRU	PowerPlex® 16						
					15,16	12	10,11
	4sp	12,14			10,11	10	13,15
			30,30.2		X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

2Z4KXY	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		[8],10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19	
2ZQHDT	PowerPlex® 16				15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
				30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
38MNVZ	GlobalFiler™		17,17.3	19,22	11.3,12	15,16	12,12	10,11
		4sp	12,14	13,16	18,23	10,11	10,10	13,15
			13,15	30,30.2	15,16	X,Y	11,11	18,22
					16,17	6,9.3	8,8	16,19
3B8HW8	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	
3E4D69	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	
3E7UR8	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	
3EPZQX	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12	10,11
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
3J3KJ	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

3JQVWH	Identifiler®		17,19,22	15,16	12	10,11
	4sp	12,14,15		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
3M7V36	Identifiler®		19,22	15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
3PKZFV	PowerPlex® 16			15,16	12	10,11
	4sp	12,14		10,11	10	13,15
			30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
3W9MBZ	Identifiler® Plus		19,22	15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
3YRP4R	PowerPlex® PP21		17,17.3	15,16	12,12	10,11
	4sp	12,[13],14	19,22	18,23	10,11	10,10
		13,15,[15.2]	30,30.2	X,Y	11,11	18,22
		11,13	7,13,[17]	6,9.3	8,8	16,19
43A8YG	Identifiler® Plus		19,22	15,16	12	10,11
	4sp	12,14		10,11	10,[11]	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
43LNJ2	Identifiler® Plus		17,19,22	15,16,17	11,12	10,11
	4sp	12,13,14,15		8,10,11	10,14	13,15
		13,14,15	28,30,30.2,31.2	X,Y	7,11	18,22
				6,9.3	8,9	14,15,16,19
43QJE2	Identifiler® Plus		19,22	15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

47396G	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
479LKL	PowerPlex® 21					
	17,17.3	17,19,22		15,16	11,12	10,11
	12		18	10	10	13,15
	13,15,15.2	30,30.2		X,Y	11	18,22
	11	7,13		6,9.3	8	16,19
47AHUG	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
48DXKM	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
	12,14,[15]	13,16	18,23	10,11	10	13,15
	13,[14],15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
48XYMC	Identifiler®					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
4CPYPQ	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
4EJ6KW	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
4FT23U	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

4KBC46	Identifiler® Plus	19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
4KMXT7	Identifiler®	[17],19,22,[-]		15,16 [17],[-]	12,[-]	10,11,[-]
4sp		12,14,[-]		10,11,[-]	10,[-]	13,15,[-]
		13,15,[-]	30,30.2,[-]	X,Y	11,[-]	18,22,[-]
				6,9.3,[-]	8,[-]	16,19,[-]
4MC82M	PowerPlex® 16 HS			15,16,17	12	10,11
4sp		12,14,15		10,11	10,14	13,15
			28,30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
4NGTD2	Identifiler®, NGM	17,17.3	19,22	11.3,12	15,16	12
4sp		12,14	13,16	18,23	10,11	10
		13,15	30,30.2	15,16	X,Y	11
				6,9.3	8	16,19
4Q6VWD	PowerPlex® 16			15,16	[11],12	10,11
4sp		12,14		[8],10,11	10,[11],[14]	13,15
			[28],30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	[14],[15],16,19
4QTRM3	Identifiler®	19,22		15,16	12	10,11
4sp		12,[13],14		10,11	10	13,15
		13,15	30,30.2	X,Y	[7],11	18,22
				6,9.3	8	16,19
4TEE3H	PowerPlex® 16			15,16	12	10,11
4sp		12,14		10,11	10	13,15
			30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
4TZR63	GlobalFiler™	17,17.3	19,22	11.3,12	15,16	12,12
4sp		12,14,[15]	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
						16,19

TABLE 2

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

Item 4sp - STR Results

4U672M	PowerPlex® ESI 17					
	17,17.3	19,22	11.3,12	15,16		
4sp	12,14	13,16	18,23		10,10	13,15
	13,[14],15	30,30.2	15,16	X,Y		18,22
			16,17	6,9.3		16,19
4UNW9L	Identifiler®					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
4XMX2B	Identifiler®					
		19,22		15,16	[11],12	10,11
4sp	12,14			10,11	10	13,15
	13,15,[15.2]	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
4YKFEQ	Identifiler® Plus					
	N/A	19,22	N/A	15,16	12,12	10,11
4sp	12,14	N/A	N/A	10,11	10,10	13,15
	13,15	30,30.2	N/A	X,Y	11,11	18,22
	N/A	N/A	N/A	6,9.3	8,8	16,19
4YR8J2	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
63M9BH	Identifiler®					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,[15]
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,[Y]	[7],11	18,[21],22
				[6],9.3	8,[9]	[14],[15],16,19
67MGET	PowerPlex® 16					
				15,16	12	10,11
4sp	12,14			10,11	10	13,15
		28,30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
68Y8R3	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp	12,[13],14			[8],10,11	10,10	13,15
	13,15	30,30.2,[31.2]		X,Y	[7],11,11	18,22
				6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

69R977	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
6BFFV9	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12	10,11
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
6BTDLL	Identifiler® Plus, PowerPlex® 16 HS			19,22		15,16	12	10,11
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
6DLUM9	Identifiler® Plus			[17],19,22		15,16,[17]	[11],12,12	10,11
		4sp	12,14,[15]			[8],10,11	10,10,[11]	13,15
			13,[14],15,[15.2]	[28],30,30.2		X,Y	[7],11,11	18,22
						6,9.3	8,8	[14],16,19
6J9TQ3	GlobalFiler™		17,17.3	[17],19,22	11.3,12	15,16	12,12	10,11
		4sp	12,14,[15]	13,[14],16	18,23	10,11	10,10	13,15
			13,15	30,30.2	15,16	X,Y	11,11	18,22
					16,17	6,9.3	8,8	16,19
6K4CT4	GlobalFiler™		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,[17]	11,12	10,11
		4sp	12,13,14,15	13,14,16	18,[20],23	8,10,11	10,[11],[14]	13,15
			13,14,15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,21,22
					16,17,[22.2]	6,9.3	8,[9]	14,15,16,19
6KCLKJ	Identifiler® Plus			19,22		15,16	12,12	10,11
		4sp	12,14			10,11	10,10	13,15
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
6KM99A	Identifiler®		-	19,22	-	15,16	12,12	10,11
		4sp	12,14	-	-	10,11	10,10	13,15
			13,15	30,30.2	-	X,Y	11,11	18,22
			-	-	-	6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

6LFBPX	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
6M2TUC	PowerPlex® Fusion and 16						
		13,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4sp	12,13,14,15	13,16,*	18,20,23	8,10,11	10,11,*	13,15
		13,15,*	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		11,13,*	7,9,13,17	6,9.3	8,*	14,16,19	
6NB3H3	Identifiler®						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
6QT336	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
6UUWX2	GlobalFiler™						
		17,17.3	[17],19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,[14],16	18,23	[8],10,11	10,10	13,15
		13,[14],15	30,30.2	15,16	X,Y	11,11	18,22
			16,17,[22.2]	6,9.3	8,8	16,19	
6V3662	Identifiler®						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
6WCNZJ	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
6X9LKJ	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		

TABLE 2

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

Item 4sp - STR Results

6XD3HH	PowerPlex® 16 HS			15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
		30,30.2		X,Y	11,11	18,22
	11,13	7,13		6,9.3	8,8	16,19
6XREDG	PowerPlex® 16 HS			15,16	12	10,11
4sp	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
6YELBB	Identifiler® Plus			15,16	12,12	10,11
4sp		19,22		10,11	10,10	13,15
	12,14			X,Y	11,11	18,22
	13,15	30,30.2		6,9.3	8,8	16,19
73FHKB	PowerPlex® Fusion			15,16	12	10,11
4sp	17,17.3	19,22	11.3,12	10,11	10	13,15
	12,14	13,16	18,23	X,Y	11	18,22
	13,15	30,30.2	15,16	6,9.3	8	16,19
	11,13	7,13				
76DRZX	Identifiler® Plus			15,16,17	11,12	10,11
4sp		17,19,22		8,10,11	10,11,14	13,15
	12,13,14,15			X,Y	7,11	18,21,22
	13,14,15,15.2	28,30,30.2,31.2		6,9.3	8,9	14,15,16,19
78UAUC	Identifiler® Plus			15,16,[17]	[11],12	10,11
4sp		19,22		10,11	10,[14]	13,15
	12,[13],14,[15]			X,Y	11	18,22
	13,[14],15,[15.2]	30,30.2		6,9.3	8,[9]	[14],16,19
7DVZPU	Identifiler® Plus			15,16	[11],12,12	10,11
4sp		19,22		10,11	10,10	13,15
	12,[13],14			X,Y	11,11	18,22
	13,15	30,30.2		6,9.3	8,8	16,19
7GRRV7	PowerPlex® Fusion			15,16,[17]	[11],12	10,11
4sp	17,17.3	19,22	[11],11.3,12	10,11	10,[11]	13,15
	12,[13],14,[15]	13,16	18,23	X,Y	11	18,22
	13,[14],15	30,30.2,[31.2]	15,16	6,9.3	8	[14],16,19
	11,13	7,13				

TABLE 2

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

Item 4sp - STR Results

7HG39U	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
7HWBB4	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
7KYEWX	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
				16,17	6,9.3	8,8	16,19
7LUWYZ	GlobalFiler™						
		[13],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	12	10,11
	4sp	12,13,14,[15]	13,[14],16	18,23	[8],10,11	10,[14]	13,15
		13,15,[15.2]	30,30.2,[31.2]	15,16	X,Y	11	18,[21],22
				16,17	6,9.3	8	[14],[15],16,19
7NCRBJ	Identifiler®						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
7PW2H	PowerPlex® 16 HS						
					15,16,17	11,12	10,11
	4sp	12,14,15			8,10,11	10	13,15
			28,30,30.2,31.2		X,Y	11	18,22
		9,11,13	7,13,17		6,9.3	8	14,16,19
7TVAWH	PowerPlex® 16 HS						
					15,16	12	10,11
	4sp	12,14			10,11	10	13,15
			30,30.2		X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
7UPZ3W	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

7W44MZ	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
7WRZ3T	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
7Y3T79	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
7ZXAH6	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
87882G	PowerPlex® 21					
	17,17.3	19,22	-	15,16	12,12	10,11
4sp	12,14	-	18,23	10,11	10,10	13,15
	13,15	30,30.2	-	X,Y	11,11	18,22
	11,13	7,13	-	6,9.3	8,8	16,19
88Q4VU	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,[13],14		10,11	10	13,15
		13,[14],15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
89LMWV	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
4sp	12,14	13,[14],16	18,23	10,11	10,10	13,15
	13,[14],15,[15.2]	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	16,19
8APA72	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	15,16,19

TABLE 2

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

Item 4sp - STR Results

8C4MCB	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
			16,17	6,9.3	8	16,19	
8CJVDY	GlobalFiler™						
		13,16.3,17,17.3	17,19,22	[10],11,11.3,12	15,16,[17]	11,12	10,11
	4sp	12,13,14,15	13,14,16	18,[20],23	8,10,11	10	13,15
		13,[14],15,[15.2]	28,30,30.2,31.2	15,16	X,Y	[7],11	18,[21],22
			16,17,22.2	6,9.3	8,[9]	[14],15,16,19	
8CME3M	PowerPlex® 16						
				15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
			30,30.2	X,Y	11	18,22	
	11,13	7,13	6,9.3	8	16,19		
8DAG9A	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4sp	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,*	28,30,30.2,31.2		X,Y	7,11	18,22
				6,9.3	8,9	14,16,19	
8DY6EC	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4sp	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19	
8FDHJK	Identifiler® Plus, MiniFiler™						
		n/a	19,22	n/a	15,16	12	10,11
	4sp	12,14,[15]	n/a	n/a	[8],10,11	10	13,15
		13,15	[28],30,30.2	n/a	X,Y	11	18,22
	n/a	n/a	n/a	6,9.3	8	16,19	
8KTJQX	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,[14],16	18,23	[8],10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17,[22.2]	6,9.3	8,8	16,19	
8NVKTF	NGM SElect						
		17,17.3	19,22	11.3,12	15,16		
	4sp	12,14	13,16	18,23		10,10	[13],15
		13,15	30,30.2	15,16	X,Y		18,22
			16,17	6,9.3		16,19	

TABLE 2

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

Item 4sp - STR Results

8Q6H9H	PowerPlex® 21						
		17,17.3	19,22		15,16	12,12	10,11
	4sp	12,14		18,23	10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
		11,13	7,13		6,9.3	8,8	16,19
8QE6CG	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10,[11]	13,15
		13,15	30,30.2		X,Y	[7],11,11	18,22
					6,9.3	8,8	16,19
8REFW8	PowerPlex® Fusion						
		17,17.3	19,22	[11],11.3,12	15,16	12	10,11
	4sp	12,[13],14	13,16	18,[20],23	10,11	10,[11]	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	[14],16,19
8YN26A	NGM SElect						
		17,17.3	19,22	11.3,12	15,16		
	4sp	12,14	13,16	18,23		10,10	13,15
		13,15	30,30.2	15,16	X,Y		18,22
				16,17	6,9.3		16,19
8YXTJD	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
8YZHPV	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
8ZZAJG	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
93RYQN	Identifiler® Plus, GlobalFiler™						
		17,17.3	19,22	10,11.3,12	15,16	12	10,11
	4sp	12,13,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
				16,17	6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

94ZCVJ	Identifiler® Plus, PowerPlex® HS					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
98H28L	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
98LTQB	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
99GCRC	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
99PGER	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
9GHPZH	Identifiler® Plus					
	-	19,22	-	15,16	12,12	10,11
4sp	12,14	-	-	10,11	10,10	13,15
	13,15	30,30.2	-	X,Y	11,11	18,22
	-	-	-	6,9.3	8,8	16,19
9M2YX4	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
9MKQWF	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			[8],10,11	10	13,15
	13,[14],15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

9Q9B6G	Identifiler® Plus					
	-	19,22	-	15,16	12,12	10,11
	12,14	-	-	10,11	10,10	13,15
	13,15	30,30.2	-	X,Y	11,11	18,22
	-	-	-	6,9.3	8,8	16,19
9VQK42	PowerPlex® 16					
				15,16	[11],12	10,11
	12,14			10,11	10,[11]	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	[14],16,19
9Y94PG	PowerPlex® 16 HS					
				15,16	11,12	10,11
	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,9,13		6,9.3	8	16,19
9YF3AT	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	30,30.2,[31.2]		X,Y	[7],11	18,22
			6,9.3	8,[9]	[14],[15],16,19	
9YV8KC	PowerPlex® 16 HS					
				15,16	12	10,11
	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
A4HH8F	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
	12,13,14			8,10,11	10	13,15
		28,30,30.2,31.2		X,Y	11	18,22
	9,11,13	7,9,13		6,9.3	8	15,16,19
A6PX2E	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
A778DE	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

A9NEE9	Identifiler®					
		19,22		15,16	[11],12	10,11
4sp		12,[13],14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
ABU7FF	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
ADMPMF	PowerPlex® 16 HS					
				15,16	12	10,11
4sp		12,14		10,11	10	13,15
			30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
ADPAKG	PowerPlex® 16 HS					
				15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
			30,30.2	X,Y	11,11	18,22
		11,13	7,13	6,9.3	8,8	16,19
AHWBB6	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
AJAEAB	Identifiler®					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
AJDT4Y	PowerPlex® Fusion					
	[13],17,17.3	[17],19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15,[15.2]	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	[14],16,19
AKPJ43	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

AN698C	PowerPlex® 16 HS			15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
APXYDQ	Identifiler® Plus			15,16	12	10,11
4sp	12,14	19,22		10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
AQF2AR	Identifiler® Plus			15,16,17	11,12	10,11
4sp	12,14,15	17,19,22		8,10,11	10,14	13,15
	13,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,22
				6,9.3	8	14,16,19
AYQDEC	PowerPlex® 16 HS			15,16	12	10,11
4sp	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
AYUNJV	Identifiler® Plus			15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]	[17],19,22		[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,22
				6,9.3	8,[9]	[14],[15],16,19
AYWXKY	Identifiler®			15,16	12	10,11
4sp	12,14	19,22		10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
B3U8HY	Identifiler®			15,16	12	10,11
4sp	12,14	19,22		10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
B8P2FZ	PowerPlex® Fusion			15,16	12	10,11
4sp	12,13,14	17,17.3	11,11.3,12	10,11	10,14	13,15
	13,15	30,30.2,31.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

BAK2UC	GlobalFiler™					
	[13],[16],[16.3],17,17.3	19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]	13,[14],[15],16	18,[20],[22],23	[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	11	18,[21],22
			16,17,[22.2]	6,9.3	8	[14],[15],16,19
BDDBF6	Identifiler®, PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4sp	12,13,14,15	13,14,16	18,23,*	8,10,11	10,11,14	13,15
	13,14,15,*	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	11,13,*	7,9,13,17		6,9.3	8,9	14,15,16,19
BG3J2R	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
BGKFGX	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
BHGWRA	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
BMLFFU	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
BNUVZ2	Identifiler®					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
	13,[14],15	[28],30,30.2,31.2		X,Y	[7],11	18,22
				6,9.3	8,[9]	[14],[15],16,19

TABLE 2

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

Item 4sp - STR Results

BQCNEH	PowerPlex® 16			15,16	12	10,11
4sp	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
BQCYV7	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
			16,17	6,9.3	8	16,19
BV8TT8	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
				6,9.3	8,[9]	[14],[15],16,19
BVEVFE	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
BVL2VG	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
BVPFRP	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
BVUGPF	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
BYPQMP	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

C72DN6	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14,[15]	13,16	18,23	10,11	10	13,15
		13,15,[15.2]	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8,[9]	16,[18],19	
CAPN8U	Identifiler® Plus						
			[17],19,22		15,16,[17]	[11],12,12	10,11
	4sp	12,[13],14,[15]			[8],10,11	10,10,[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11,11	18,[21],22
				6,9.3	8,8	[14],16,19	
CAU9XJ	Identifiler® Plus						
			[17],19,22		15,16,[17]	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19	
CB4KQ2	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19	
CGWL6M	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
CH8WXC	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19	
CHT68N	Identifiler® Plus						
			19,22		15,16	11,12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
CJEEW9	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4sp - STR Results

CLB327	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
CLU6A7	Identifiler® Plus					
		[17],19,22		15,16	12,12	10,11
	12,14,[15]			10,11	10,10	13,15
	13,15	[28],30,30.2,[31.2]		X,Y	11,11	18,22
			6,9.3	8,8	[14],16,19	
CMJF4F	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
CMNWFK	PowerPlex® 16					
				15,16	12	10,11
	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
CNCXUZ	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
	12,14,15	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
CPXRAP	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
CQPY88	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
CQTACQ	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

CTD3MT	PowerPlex® Fusion					
	[13],17,17.3	[17],19,22	[10],11.3,12	15,16	12	10,11
	12,14	13,16	18,[20],23	10,11	10,[14]	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
CUBAR7	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12	10,11
	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
		16,17	6,9.3	8	16,19	
CWDBR4	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
			6,9.3	8,[9]	[14],[15],16,19	
CYY6KX	Identifiler®					
		19,22,[-]		15,16,[-]	[11],12	10,11
	12,14,[-]			[8],10,11	10,[-]	13,15
	13,15,[15.2],[-]	30,30.2,[-]		X,Y	11,[-]	18,22,[-]
			6,9.3	8,[9]	[14],16,19,[-]	
D2GNXZ	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
D2WAUV	Identifiler®					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
D4GMNC	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
D8BKMR	GlobalFiler™					
	17,17.3	[17],19,22	[11],11.3,12	15,16,[17]	12	10,11
	12,14	13,16	18,23	10,11	10	13,15
	13,[14],15	[28],30,30.2	15,16	X,Y	11	18,22
		16,17	6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

D8FXKC	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
D9H3LM	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
D9PZ6Y	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
DDPY4U	Identifiler® Plus						
		19,22		15,16,[17]	12,12	10,11	
	4sp	12,[13],14,[15]		[8],10,11	10,10,[11],[14]	13,15	
		13,15,[15.2]	[28],30,30.2,[31.2]	X,Y	[7],11,11	18,22	
			6,9.3	8,8	[14],16,19		
DH7UXU	PowerPlex® FUSION						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19	
DK7UJP	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4sp	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15	28,30,30.2	X,Y	11	18,21,22	
			6,9.3	8,9	14,15,16,19		
DKNQ4C	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19	
DMBVRW	Identifiler®						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		

TABLE 2

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

Item 4sp - STR Results

DPTG67	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
	13,15,[15.2]	[28],30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
DTQ3T3	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
DVT4HD	Identifiler®					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
				6,9.3	8,[9]	[14],[15],16,19
DVUZ4V	GlobalFiler™					
	17,17.3	19,22	[10],11,11.3,12	15,16,[17]	11,12,12	10,11
4sp	12,14,[15]	13,[14],16	18,23	[8],10,11	10,10	13,15
	13,[14],15	30,30.2	15,16	X,Y	11,11	18,22
			16,17,[22.2]	6,9.3	8,8	16,19
DZ2RTU	Identifiler®					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
E2Z6EE	PowerPlex® 21					
	17,17.3	19,22		15,16	12,12	10,11
4sp	12,14		18,23	10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,NR	18,22
	11,13	7,13		6,9.3	8,8	16,19
E3Q82U	Identifiler®					
		19,22		15,16	12	10,11
4sp	12,14,[15]			10,11	10	13,15
	13,15	[28],30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
E927TM	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12,12	10,11
4sp	12,13,14,15	13,14,16	18,[20],23	8,10,11	10,10,[11],[14]	13,15
	13,14,15,[15.2]	28,30,30.2,31.2	15,16	X,Y	7,11,11	18,21,22
			16,17,22.2	6,9.3	8,8,9	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

ECXUAU	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
			16,17	6,9.3	8	16,19	
EEH8NJ	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19	
EFXZT8	PowerPlex® 16 HS						
				15,16,17	12		10,11
	4sp	12,13,14,15			10,11	10	13,15
			30,30.2,31.2		X,Y	11	18,21,22
	9,11,13	7,13,17		6,9.3	8	16,19	
EGRQYL	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
EJBE68	Identifiler®						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
EJJX74	Identifiler® Plus						
			19,22		15,16	11,12	10,11
	4sp	12,13,14,15			10,11	10	13,15
		13,15,15.2	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
EJY77R	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,[14],16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	[14],16,19	
ELXKFA	Identifiler®						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

ETFJXM	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
ETL8L2	Identifiler®						
			17,19,22		15,16,17	11,12	10,11
	4sp	12,13,14			8,10,11	10,11	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	11	18,22
					6,9.3	8	16,19
EWXGR6	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
EZ9TW9	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10,[11]	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19
EZXRK	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19
F42EXV	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
FB74RM	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
FCWCP6	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			8,10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

FD932U	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
FDGW98	PowerPlex® Fusion		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
		4sp	12,13,15	13,14,16	20,23	8,10,11	10,11,14	13,15
			13,14,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,19
FEE82N	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11	
		4sp	12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
						6,9.3	8,9	14,15,16,19
FFB6NB	PowerPlex® 16 HS				15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
				30,30.2		X,Y	11,11	18,22
			11,13	7,13		6,9.3	8,8	16,19
FGYQUT	Identifiler®		19,22		15,16	12	10,11	
		4sp	12,14,15		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	14,16,19
FJT BZQ	GlobalFiler™		17,17.3	[17],19,22	11.3,12	15,16	12,12	10,11
		4sp	12,14,[15]	13,16	18,23	10,11	10,10	13,15
			13,15	30,30.2	15,16	X,Y	11,11	18,22
					16,17	6,9.3	8,8	16,19
FK8RKJ	GlobalFiler™		[13],17,17.3	[17],19,22	[11],11.3,12	15,16	[11],12,12	10,11
		4sp	12,[13],14,[15]	13,16	18,[20],23	10,11	10,10	13,15
			13,[14],15	[28],30,30.2,[31.2]	15,16	X,Y	11,11	18,22
					16,17	6,9.3	8,8	16,19
FL3ALK	Identifiler® Plus		17,19,22		15,16,17	11,12	10,11	
		4sp	12,13,14,15		8,10,11	10,14	13,15	
			13,14,15	28,30,30.2,31.2		X,Y	11	18,21,22
						6,9.3	8	14,16,19

TABLE 2

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

Item 4sp - STR Results

FM7HE6	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
FT74UV	Identifiler®					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
FVRVRJ	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
FWLXX	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
FZHEK2	PowerPlex® Fusion					
	17,17.3	19,22	11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,16	18,22,23	10,11	10,11	13,15
	13,14,15	30,30.2,31.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	14,16,19
G28EAC	Identifiler® Plus					
	-	19,22	-	15,16	12,12	10,11
	12,14	-	-	10,11	10,10	13,15
	13,15	30,30.2	-	X,Y	11,11	18,22
	-	-	6,9.3	8,8	16,19	
G2ANGN	PowerPlex® Fusion					
	17,17.3	19,22	[10],11.3,12	15,16	[11],12	10,11
	12,[13],14	13,16	18,[20],23	[8],10,11	10,[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2	15,16	X,Y	[7],11	18,22
	[9],11,13	7,13		6,9.3	8	[14],16,19
G34EL3	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	

TABLE 2

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

Item 4sp - STR Results

G38YCQ	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14			10,11	10,10	13,15
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
G4M9NN	Identifiler® Plus		[17],19,22		15,16	[11],12	10,11	
		4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
			13,[14],15	30,30.2,[31.2]		X,Y	11	18,[21],22
						6,9.3	8	[14,15],16,19
G4PXU7	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14			10,11	10,10	13,15
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
G4TPZN	Identifiler® Plus		19,22		15,16,[17]	11,12	10,11	
		4sp	12,13,14,[15]			8,10,11	10,[11],[14]	13,[15]
			13,[14],15,[15.2]	28,[30],30.2,31.2		X,Y	11	18,21,22
						6,9.3	8,[9]	[14],[15],16,19
G6HQPP	Identifiler® Plus		[17],19,22		15,16,[17]	[11],12,12	10,11	
		4sp	12,[13],14,[15]			[8],10,11	10,10,[11],[14]	13,15
			13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11,11	18,[21],22
						6,9.3	8,8,[9]	[14],16,19
G9H3J4	Identifiler®		19,22		15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
G9NJXP	PowerPlex® 16 HS, ES117		17,17.3	19,22	11.3,12	15,16	12	10,11
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
			11,13	7,13	16,17	6,9.3	8	16,19
G9QBZR	PowerPlex® 16				15,16	[11],12	10,11	
		4sp	12,14			10,11	10,[11],[14]	13,15
				[28],30,30.2,[31.2]		X,Y	11	18,22
			[9],11,13	7,13		6,9.3	8,[9]	[15],16,19

TABLE 2

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

Item 4sp - STR Results

GAKWV4	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		8,10,11	10,14	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	
GAPAPR	PowerPlex® Fusion		[13],[16.3],17,17.3	[17],19,22	[10],[11],11.3,12	15,16	[11],12	10,11
		4sp	12,[13],14	13,[14],16	18,[20],23	[8],10,11	10,[14]	13,15
			13,[14],15,[15.2]	[28],30,30.2	15,16	X,Y	[7],11	18,[21],22
			[9],11,13	7,[9],13,[17]		6,9.3	8	[14],16,19
GCBB9K	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	
GED2MM	GlobalFiler™		17,17.3	19,22	[10],[11],11.3,12	15,16	11,12	10,11
		4sp	12,[13],14	13,[14],16	18,23	[8],10,11	10	13,15
			13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,22
					16,17,[22.2]	6,9.3	8	[15],16,19
GF9MFD	PowerPlex® 16				15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
				30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
GJ37VA	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	[7],11,11	18,22
					6,9.3	8,8	16,19	
GJNKJM	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12,12	10,11
		4sp	12,13,14,15	13,16	18,23	10,11	10,10	13,15
			13,15	30,30.2	15,16	X,Y	11,11	18,21,22
			11,13	7,13		6,9.3	8,8	16,19
GKKMEQ	Identifiler®		19,22		15,16	11,12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

GLGXJ7	GlobalFiler™					
	[13],[16.3],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
	12,[13],14,[15]	13,[14],16	18,[20],[22],23	[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,[21],22
		16,17,[22.2]	6,9.3	8,[9]	[14],[15],16,19	
GMBJCW	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
GMQ7LY	Identifiler®					
		[17],19,22		15,16,[17]	11,12	10,11
	12,13,14,15			[8],10,11	10,10	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	11,11	18,[21],22
			6,9.3	8,8,[9]	14,15,16,19	
GQ4HR8	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
GRE7PL	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
GU6XNH	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,[13^],14			10,11	10	13,15
	13,15	[29^],30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
GULNNG	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
GY4CAL	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
	12,14	13,16	18,23	10,11	10,10	13,15
	13,15	30,30.2	15,16	X,Y	11,11	18,22
		16,17	6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

H2TRNN	COfiler® and Profiler Plus®, Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
H37F47	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
H7H93Z	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
H7UNVU	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
HB8QJB	Identifiler® Plus, MiniFiler™					
		19,22		15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
HC9L23	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
HE667Z	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			[8],10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
HEF4ZX	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
				6,9.3	8,[9]	[14,15],16,19

TABLE 2

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

Item 4sp - STR Results

HETVN9	PowerPlex® 16 HS			15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
		30,30.2		X,Y	11,11	18,22
	11,13	7,13		6,9.3	8,8	16,19
HFJCRH	Identifiler® Plus			15,16	12,12	10,11
4sp	12,14			10,11	10,10,[14]	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
HLAHCJ	GlobalFiler™			15,16	12	10,11
4sp	17,17.3	19,22	[10],11,11.3,12	15,16	12	10,11
	12,[13],14,[15]	13,[14],16	18,23	[8],10,11	10	13,15
	13,[14],15	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,22
			16,17,[22.2]	6,9.3	8	16,19
HMZHFV	PowerPlex® Fusion			15,16	12	10,11
4sp	17,17.3	19,22	11.3,12	15,16	12	10,11
	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
HPVZWP	Identifiler®			15,16	12,12	10,11
4sp		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
HRK946	Identifiler®			15,16,[17]	12	10,11
4sp		19,22		15,16,[17]	12	10,11
	12,14,[15]			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	[14],16,19
HT8DBA	Identifiler® Plus, MiniFiler™			15,16	12,12	10,11
4sp		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
HTBHZR	Identifiler® Plus			15,16	12	10,11
4sp		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

HUATTA	PowerPlex® 21						
	[13],17,17.3	19,22		15,16	12,12	10,11	
	4sp	12,14,[15]		18,[20],23	[8],10,11	10,10,[11]	13,15
		13,15	[28],30,30.2,[31.2]		X,Y	[7],11,11	18,22
	[9],11,13	7,[9],13,[17]		6,9.3	8,8	[14],16,19	
HXWKJP	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14,[15]		10,11	10	13,15	
		13,15	30,30.2		X,Y	11	18,22
			6,9.3	8		16,19	
HZUXH4	PowerPlex® 16 HS						
				15,16,17	11,12	10,11	
	4sp	12,13,14,15		8,10,11	10,14	13,15	
			28,30,30.2,31.2		X,Y	7,11	18,22
	9,11,13	7,9,13,17		6,9.3	8	14,15,16,19	
HZVJF6	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8		16,19	
J2F3CU	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8		16,19	
J4H6XP	Identifiler®						
		19,22		15,16	11,12	10,11	
	4sp	12,14,15		8,10,11	10	13,15	
		13,14,15	28,30,30.2,31.2		X,Y	7,11	18,22
			6,9.3	8,9		14,16,19	
J6FAUB	PowerPlex® 16						
				15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
			30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19	
J7HT39	PowerPlex® 16 HS						
				15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
			30,30.2		X,Y	11,11	18,22
	11,13	7,13		6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

J7NVFJ	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
				16,17	6,9.3	8,8	16,19
JCP73R	Identifiler® Plus						
			[19],22		15,16,[17]	[11],12	10,11
	4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
					6,9.3	8	[14],[15],16,19
JDEQRV	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
				16,17	6,9.3	8,8	16,19
JDQC36	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
JDR7WW	Identifiler®						
			19,22		15,16,[17]	[11],12	10,11
	4sp	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
					6,9.3	8,[9]	[14],[15],16,19
JEQCFC	PowerPlex® 16						
					15,16	12	10,11
	4sp	12,14			10,11	10	13,15
			30,30.2		X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
JFYJKQ	Identifiler®						
			19,22,[-]		15,16 [17],[--]	[11],12,[-]	10,11,[-]
	4sp	12,[13],14,[15]			10,11,[-]	10,[-]	13,15,[-]
		13,15,[-]	[28],30,30.2,[-]		X,Y	11,[-]	18,22,[-]
					6,9.3,[-]	8,[-]	[14],16,19,[-]
JGCM6W	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

JHZQK4	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
JKYVGQ	Identifiler®						
			19,22,[-]		15,16,[-]	[11],12	10,11
	4sp	12,[13],14,[15]			[8],10,11	10,[11],[-]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	11,[-]	18,22,[-]
					6,9.3	8,[-]	[15],16,19,[-]
JLY48T	Identifiler® Plus						
			17,19,22		15,16,17	11,12	10,11
	4sp	12,13,14,15			8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,22
					6,9.3	8,9	14,16,19
JPPA2Q	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
JQWXEN	Identifiler® Plus						
			[17],19,22		15,16,[17]	[11],12,12	10,11
	4sp	12,[13],14,[15]			[8],10,11	10,10,[14]	13,15
		13,[14],15	[28],30,30.2,[31.2]		X,Y	[7],11,11	18,22
					6,9.3	8,8	[14],16,19
JR74UX	PowerPlex® 16						
					15,16	12	10,11
	4sp	12,14			10,11	10	13,15
			30,30.2		X,Y	11	18,22
		11,13	7,13		6,9.3	8	16,19
JW3R9J	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
		11,13	7,13		6,9.3	8,8	16,19
JW6GF2	PowerPlex® Fusion						
		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
		9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

JXMTQ2	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
JXPHWJ	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
JYFV8P	GlobalFiler™		17,17.3	19,22	11.3,12	15,16	12,12	10,11
		4sp	12,[13],14	13,16	18,23	10,11	10,10	13,15
			13,[14],15	30,30.2	15,16	X,Y	11,11	18,22
					16,17,[22.2]	6,9.3	8,8	[14],16,19
JZKJBT	PowerPlex® Fusion		[13],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
		4sp	12,[13],14,[15]	13,[14],16	18,[20],23	[8],10,11	10,[11],[14]	13,15
			13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,[21],22
			[9],11,13	7,[9],13,[17]		6,9.3	8,[9]	[14],[15],16,19
K2EUWZ	PowerPlex® Fusion		[13],[16.3],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
		4sp	12,[13],14,[15]	13,[14],16	18,[20],23	[8],10,11	10,[11],[14]	13,15
			13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,[21],22
			[9],11,13	7,[9],13,[17]		6,9.3	8,[9]	[14],[15],16,19
K4LJNW	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
K6E7TZ	PowerPlex® Fusion		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
		4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
			13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
K6H6BW	Identifiler®		17,19,22		15,16,17	11,12	10,11	
		4sp	12,13,14,15		8,10,11	10,11,14	13,15	
			13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,22
						6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

KARHTU	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
KDRTPU	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
KG43RD	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9.3	8,8	16,19	
KG7RYV	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
	4sp	12,[13],14,[15]		[8],10,11	10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]	X,Y	[7],11	18,22
			6,9.3	8,[9]	[14],[15],16,19	
KM7BWK	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	4sp	12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
KPJEVP	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
KPQDGM	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9.3	8,8	16,19	
KQN4YU	Identifiler®					
		19,22		15,16	[11],12	10,11
	4sp	12,[13],14,[15]		10,11	10	13,15
		13,[14],15,[15.2]	30,30.2,[31.2]	X,Y	11	18,22
			6,9.3	8	[15],16,19	

TABLE 2

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

Item 4sp - STR Results

KQXG76	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
KWGDHL	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
KZGBJK	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12	10,11
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
KZW9XH	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12,12	10,11
		4sp	12,14	13,16	18,23	10,11	10,10	13,15
			13,15	30,30.2	15,16	X,Y	11,11	18,22
			11,13	7,13		6,9.3	8,8	16,19
L6RP2J	Identifiler® Plus		19,22		15,16,[17]	[11],12	10,11	
		4sp	12,[13],14,[15]		[8],10,11	10,[14]	13,15	
			13,[14],15	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
						6,9.3	8,[9]	16,19
L6THVB	PowerPlex® 16				15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
				30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
LBCEAC	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
LBE6GV	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

LEFGMF	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
LFUW6N	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8,9	14,15,16,19	
LFWDEF	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
LHDCF4	Identifiler®					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
LJ6PMT	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9.3	8,8	16,19	
LKZ9NU	PowerPlex® 16					
				15,16,[17]	[11],12	10,11
	4sp	12,14		[8],10,11	10,[11],[14]	13,15
			30,30.2,[31.2]	X,Y	[7],11	18,22
	[9],11,13	7,13	6,9.3	8,[9]	16,19	
LNJ8Z4	GlobalFiler™					
		17,17.3	[17],19,22	11.3,12	15,16	12
	4sp	12,14	13,16	18,22,23	[8],10,11	10
		13,15	30,30.2	15,16	X,Y	11
			16,17	6,9.3	8	
					16,19	
LPDKD4	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

LPDQ7C	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
LR8W2G	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	16,19	
LVP9PL	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
LYLTHJ	Identifiler® Plus						
		19,22		15,16	11,12	10,11	
	4sp	12,[13],14,[15]		[8],10,11	10,[11]	13,15	
		13,15	[28],30,30.2,31.2	X,Y	[7],11	18,22	
			6,9.3	8	16,19		
LZBRHF	PowerPlex® Fusion 6C						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	16,19	
M26CWL	Identifiler®						
		17,19,22		15,16	12	10,11	
	4sp	12,14,15		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	14,16,19		
M3ZVXM	Identifiler®						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
M72X3G	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

M94WZ3	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
MA6TLJ	GlobalFiler™		17,17.3	[17],19,22	11.3,12	15,16	12,12	10,11
		4sp	12,14	13,[14],16	18,23	[8],10,11	10,10	13,15
			13,[14],15	30,30.2	15,16	X,Y	11,11	18,22
					16,17	6,9.3	8,8	16,19
MAVKA3	Identifiler® ID Plus		-	19,22	-	15,16	12,12	10,11
		4sp	12,14	-	-	10,11	10,10	13,15
			13,15	30,30.2	-	X,Y	11,11	18,22
			-	-	-	6,9.3	8,8	16,19
MBP73U	PowerPlex® 16					15,16,[17]	[11],12	10,11
		4sp	12,[13],14,[15]			10,11	10,[11],[14]	13,15
				[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
			11,13	7,13		6,9.3	8,[9]	[14],[15],16,19
MBXG8Z	Identifiler® Plus		19,22		15,16,[17]	12,12	10,11	
		4sp	12,14			10,11	10,10	13,15
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
ME97E4	Identifiler®		19,22		15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
MF8VQK	Identifiler®		19,22		15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
MFMRRB	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14			10,11	10,10	13,15
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

MFREVR	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,22,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
MGHBUC	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14			10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
			6,9.3	8,8	16,19	
MHE7RU	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12	10,11
	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
		16,17	6,9.3	8	16,19	
MJCGPH	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
MPXFWH	Identifiler®					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
MRZRLJ	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
MTPTCM	Identifiler®					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
MZY8K	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
	12,14	13,16	18,23	10,11	10,10	13,15
	13,15	30,30.2	15,16	X,Y	11,11	18,22
		16,17	6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

N2GYXD	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10,[11]	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19	
N2HN6W	Identifiler®						
			19,22		15,16	[11],12,12	10,11
	4sp	12,[13],14,[15]			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19	
N3TV4H	Identifiler® Plus						
			[17],19,22		15,16	[11],12,12	10,11
	4sp	12,[13],14,[15]			[8],10,11	10,10,[14]	13,15
		13,[14],15	30,30.2,[31.2]		X,Y	[7],11,11	18,22
				6,9.3	8,8	[14],16,19	
N4DWLZ	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
N4ELRH	Identifiler® Plus						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19	
N6PH9F	GlobalFiler™						
		[13],17,17.3	[17],19,22	[10],11.3,12	15,16	11,12	10,11
	4sp	12,13,14	13,14,16	18,[20],23	8,10,11	10	13,15
		13,15	[28],30,30.2	15,16	X,Y	11	18,22
			16,17,[22.2]	6,9.3	8	[14],16,19	
N7CQ7B	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19	
N7K2BG	GlobalFiler™						
		17,17.3	19,22	[11],11.3,12	15,16	12	10,11
	4sp	12,13,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
			16,17	6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

N7QCFC	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
N8QXR	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
NA3CCR	Identifiler® Plus						
		19,22		15,16,[17]	[11],12	10,11	
	4sp	12,14,[15]		[8],10,11	10	13,15	
		13,15	30,30.2,[31.2]	X,Y	11	18,22	
			6,9.3	8	[14],16,19		
NAZYP	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
NBDB9M	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,[14],15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
NDKHPT	Identifiler®						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
NE4VNX	PowerPlex® 16						
				15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
			30,30.2	X,Y	11	18,22	
	11,13	7,13	6,9.3	8	16,19		
NECPUQ	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
	-	-	16,17	6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

NF2ZKJ	Identifiler® Plus					
	-	19,22	-	15,16,17	11,12	10
	12,13,14	-	-	10,11	10,14	13,15
	13,15,15.2	30,30.2	-	X,Y	11	18,21,22
	-	-	-	6,9,3	8	14,15,16,19
NHCMHX	PowerPlex® 16 HS					
				15,16	12	10,11
	12,14			10,11	10	13,15
		30,30.2,[31.2]		X,Y	11	18,22
	11,13	7,13		6,9,3	8	16,19
NKNDUM	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	12,14,[15]			[8],10,11	10,10,[11]	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9,3	8,8	16,19
NM3QZV	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,[13],14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9,3	8	16,19
NQPYBP	PowerPlex® Fusion					
	17,17.3	19,22	11,11.3,12	15,16	12	10,11
	12,13,14,15	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9,3	8	16,19
NRYL8H	GlobalFiler™					
	[13],17,17.3	19,22	[10],[11],11.3,12	15,16,[17]	11,12	10,11
	12,14,[15]	13,[14],16	18,23	[8],10,11	10	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,22
		16,17,[22.2]	6,9,3	8	16,19	
NV3JHB	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9,3	8	16,19
NV934Y	PowerPlex® Fusion					
	17,17.3	22	11.3,12	15,16	12	10,11
	12,14	13,16	18	10,11	10	15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9,3	8	16,19

TABLE 2

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

Item 4sp - STR Results

NX6HT3	PowerPlex® 16				15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
				30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
NX8Z2Z	PowerPlex® 16 HS				15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
				30,30.2		X,Y	11,11	18,22
			11,13	7,13		6,9.3	8,8	16,19
NXRYWC	PowerPlex® Fusion	17,17.3	19,22	11.3,12	15,16	12	10,11	
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
NZKFWC	GlobalFiler™	17,17.3	19,22	[11],11.3,12	15,16	12	10,11	
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
					16,17,[22.2]	6,9.3	8	16,19
P23H76	PowerPlex® 16				15,16	12	10,11	
		4sp	12,14		10,11	10	13,15	
				30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
P3FRJC	Identifiler® Plus	-	19,22	-	15,16	12	10,11	
		4sp	12,13,14	-	-	8,10,11	10	13,15
			13,15	30,30.2	-	X,Y	11	18,22
			-	-	-	6,9.3	8	16,19
P3L4P8	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
P7LEK8	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14		10,11	10,10	13,15	
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

P7ZVC4	PowerPlex® 21						
		17,17.3	19,22		15,16	12,12	10,11
	4sp	12,14		18,23	10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
		11,13	7,13		6,9.3	8,8	16,19
P86XRY	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19
P8KPRQ	Identifiler®						
			19,22		15,16	12	10,11
	4sp	12,14			10,11	10	13,15
		13,15	30,30.2		X,Y	11	18,22
					6,9.3	8	16,19
PAWEGM	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19
PBQE6K	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
				16,17	6,9.3	8,8	16,19
PELZ2U	Identifiler® Plus						
			19,22		15,16	12,12	10,11
	4sp	12,14			10,11	10,10	13,15
		13,15	30,30.2		X,Y	11,11	18,22
					6,9.3	8,8	16,19
PEWHMY	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16,[17]	12	10,11
	4sp	12,14,[15]	13,16	18,[20],23	10,11	10,[11]	13,15
		13,[14],15	30,30.2,[31.2]	15,16	X,Y	11	18,22
		11,13	7,13		6,9.3	8	[14],16,19
PH8PK8	Identifiler® Plus, GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
				16,17	6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

PHKPDN	PowerPlex® Fusion					
	[16.3],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
	12,[13],14,[15]	13,[14],16	18,23	[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	30,30.2,[31.2]	15,16	X,Y	11	18,[21],22
	11,13	7,13,[17]		6,9.3	8,[9]	[14],[15],16,19
PKW6ZA	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
	12,14	13,16	18,23	10,11	10,10,[14]	13,15
	13,15	30,30.2	15,16	X,Y	[7],11,11	18,22
		16,17	6,9.3	8,8	[14],16,19	
PMU7MC	PowerPlex® Fusion					
	16.3,17,17.3	17,19,22	11.3,12	15,16	12	10,11
	12,14	13,16	18,23	10,11	10,11	13,15
	13,15,15.2	28,30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	14,16,19
PRPZKD	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
	12,14	13,16	18,23	10,11	10,10	13,15
	13,15	30,30.2	15,16	X,Y	11,11	18,22
	11,13	7,13		6,9.3	8,8	16,19
PRRPQV	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15	X	7,11	18,21,22
	9,11,13	7,13,17		6,9.3	8,9	14,15,16,19
PVEQ64	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
	12,14	13,16	18,23	10,11	10,10	13,15
	13,15	30,30.2	15,16	X,Y	11,11	18,22
		16,17	6,9.3	8,8	16,19	
PZ4B3R	PowerPlex® Fusion					
	17,17.3	17,19,22	10,11,11.3,12	15,16	11,12	10,11
	12,13,14,15	13,14,16	18,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	11	18,22
	11,13	7,13,17		6,9.3	8	14,15,16,19
Q28W3P	PowerPlex® 16					
				15,16	[11],12	10,11
	12,[13],14,[15]			[8],10,11	10,[11],[14]	13,15
		[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
	[9],11,13	7,13,[17]		6,9.3	8,[9]	[14],[15],16,19

TABLE 2

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

Item 4sp - STR Results

Q2CD2N	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
Q2FCJK	GlobalFiler™					
		17,17.3	19,22	11.3,12	15,16	12
4sp		12,14	13,16	18,23	10,11	10
		13,15	30,30.2	15,16	X,Y	11
				16,17	6,9.3	8
					8	16,19
Q6YCRD	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4sp		12,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,16,19
QBA9U2	PowerPlex® 21					
		17,17.3	19,22	15,16	12	10,11
4sp		12,14,[15]	18,23	10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
QE8RXL	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
QEAJP2	PowerPlex® 21					
		17,17.3	19,22	15,16	12,12	10,11
4sp		12,14	18,20,23	10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
		11,13	7,13	6,9.3	8,8	16,19
QEDNFG	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
QEYPBD	Identifiler® Plus					
		19,22		15,16,[17]	[11],12	10,11
4sp		12,[13],14,[15]		[8],10,11	10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]	X,Y	11	18,[21],22
				6,9.3	8,[9]	[14],[15],16,19

TABLE 2

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

Item 4sp - STR Results

QHCZBG	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
QJ8HDJ	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
QLMGAE	GlobalFiler™					
	[13],17,17.3	[17],19,22	[11],11.3,12	15,16	12,12	10,11
4sp		12,14	13,[14],16	18,23	[8],10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
QMZZJC	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
QNTTEV	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
QNVHKD	GlobalFiler™					
	17,17.3	19,22	11.3,12	15,16	12,12	10,11
4sp		12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
QPWX7W	Identifiler®, MiniFiler™					
4sp						
QUJCAY	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

QXD36N	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10,[14]	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
QZ4CMQ	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
QZ8Z64	PowerPlex® 16					
				15,16	12	10,11
4sp				10,11	10	13,15
		30,30.2		X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
R24VfV	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
R2UXtL	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
R2YD7M	PowerPlex® Fusion					
		17,17.3	19,22	11.3,12	15,16	12,12
4sp		12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
		11,13	7,13	6,9.3	8,8	16,19
R3JMfL	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4sp		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
R764BD	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

R7H7TY	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
R7PP2J	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
R82MDF	Identifiler®						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,[19]		
RDR2XF	GlobalFiler™						
		17,17.3	[17],19,22	[11],11.3,12	15,16,[17]	12,12	10,11
	4sp	12,14,[15]	13,[14],16	18,23	[8],10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	16,19	
RFXADR	Identifiler® Plus						
		17,19,22		15,16,17	11,12	10,11	
	4sp	12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
			6,9.3	8,9	14,15,16,19		
RJ6J69	GlobalFiler™						
		17,17.3	19,22	[11],11.3,12	15,16,[17]	12	10,11
	4sp	12,14,[15]	13,[14],16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
			16,17	6,9.3	8	16,19	
RKQAT9	GlobalFiler™						
		17,17.3	19,22	11.3,12	15,16	12,12	10,11
	4sp	12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
			16,17	6,9.3	8,8	16,19	
RLKZYM	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		

TABLE 2

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

Item 4sp - STR Results

RNUAPY	PowerPlex® 16 HS					
				15,16	12,12	10,11
4sp	12,14			10,11	10,10	13,15
		30,30.2		X,Y	11,11	18,22
	11,13	7,13		6,9.3	8,8	16,19
RQBJT6	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,13,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	14,16,19
RRNBKL	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,14,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
RTJV9L	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
RXDTYX	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10,11,14	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
RYWDFE	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,14,15	28,30,30.2		X,Y	11	18,21,22
				6,9.3	8	16,19
RZYFRK	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
T3Y6B6	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

T3Y7XX	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
T4XYJB	GlobalFiler™					
		17,17.3	19,22	11.3,12	15,16	12,12
4sp		12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
					8,8	16,19
T6249Q	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp		12,14,[15]		[8],10,11	10,[14]	13,15
		13,[14],15	[28],30,30.2,[31.2]	X,Y	[7],11	18,22
				6,9.3	8	[15],16,19
TDJCBU	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14,[15]		10,11	10,10	13,15
		13,15	[28],30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
TEN3ZW	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
TFJL2X	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
TN3QDW	PowerPlex® 16 HS					
				15,16	12	10,11
4sp		12,14		10,11	10	13,15
			30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
TNGDMY	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp		12,[13],14,[15]		[8],10,11	10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]	X,Y	[7],11	18,[21],22
				6,9.3	8,[9]	[14],[15],16,19

TABLE 2

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

Item 4sp - STR Results

TNXZV8	Identifiler® Plus	17,19,22		15,16,17	11,12	10,11	
		12,13,14,15		8,10,11	10,11,14	13,15	
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22	
				6,9.3	8,9	14,15,16,19	
TQ26LU	PowerPlex® 16 HS			15,16	12,12	10,11	
		12,14		10,11	10,10	13,15	
		30,30.2		X,Y	11,11	18,22	
		11,13	7,13	6,9.3	8,8	16,19	
TR26Y2	PowerPlex® 16			15,16	12	10,11	
		12,14		10,11	10	13,15	
		30,30.2		X,Y	11	18,22	
		11,13	7,13	6,9.3	8	16,19	
TUJ2UX	PowerPlex® Fusion	[16.3],17,17.3	19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
		12,[13],14,[15]	13,[14],16	18,[20],23	[8],10,11	10,[11]	13,15
		13,[14],15	28,30,30.2,31.2	15,16	X,Y	11	18,[21],22
		[9],11,13	7,[9],13,[17]		6,9.3	8	[14],[15],16,19
TVJD9L	GlobalFiler™	17,17.3	19,22	11.3,12	15,16	12,12	10,11
		12,14	13,16	18,23	10,11	10,10	13,15
		13,15	30,30.2	15,16	X,Y	11,11	18,22
		-	-	16,17,[22.2]	6,9.3	8,8	16,19
TYGGME	Identifiler® Plus	[17],19,22		15,16,[17]	12,12	10,11	
		12,14,[15]		[8],10,11	10,10	13,15	
		13,15	[28],30,30.2	X,Y	11,11	18,22	
				6,9.3	8,8	[14],16,19	
U2YXH6	Identifiler® Plus	19,22		15,16	12,12	10,11	
		12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
				6,9.3	8,8	16,19	
U3H9J7	Identifiler® Plus	19,22		15,16	12	10,11	
		12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
				6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

U7ZJKF	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		[8],10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
U97VEB	GlobalFiler™					
	[13],17,17.3	19,22	[10],11.3,12	15,16,[17]	12,12	10,11
4sp		12,14	13,[14],16	18,23	[8],10,11	13,15
		13,[14],15	30,30.2	15,16	X,Y	[7],11,11
				16,17,[22.2]	6,9.3	8,8
						[14],16,19
UBPGUR	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
UEV9FY	PowerPlex® 16					
				15,16,17	11,12	10,11
4sp		12,14,15		8,10,11	10,11,14	13,15
			28,30,30.2,31.2	X,Y	11	18,22
		9,11,13	7,9,13,17	6,9.3	8,9	16,19
UF9TAU	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
UJRZLB	GlobalFiler™					
	[16.3],17,17.3	19,22	11.3,12	15,16	11,12,12	10,11
4sp		12,[13],14,[15]	13,[14],16	18,23	10,11	13,15
		13,[14],15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
						16,19
UN6QYH	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
UNF9LM	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

UNLULW	PowerPlex® 16			15,16	12	10,11		
		4sp	12,14		10,11	10	13,15	
				30,30.2	X,Y	11	18,22	
			11,13	7,13	6,9.3	8	16,19	
UNXTF7	Identifiler® Plus			15,16	12	10,11		
		4sp	12,14		10,11	10	13,15	
				30,30.2	X,Y	11	18,22	
					6,9.3	8	16,19	
URZRQY	PowerPlex® 16			15,16	12	10,11		
		4sp	12,14,15		10,11	10	13,15	
				30,30.2	X,Y	11	18,22	
			11,13	7,13	6,9.3	8	16,19	
UT3ZQV	GlobalFiler™		17,17.3	19,22	[10],11,11.3,12	15,16,[17]	12	10,11
		4sp	12,14,15	13,14,16	18,23	8,10,11	10,[11]	13,15
			13,14,15	[28],30,30.2,31.2	15,16	X,Y	7,11	18,22
					16,17	6,9.3	8	[14],16,19
UU3P2R	PowerPlex® HS			15,16	12,12	10,11		
		4sp	12,14		10,11	10,10	13,15	
				30,30.2	X,Y	11,11	18,22	
			11,13	7,13	6,9.3	8,8	16,19	
UXLK6J	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12	10,11
		4sp	12,14	13,16	18,23	10,11	10	13,15
			13,15	30,30.2	15,16	X,Y	11	18,22
			11,13	7,13	6,9.3	8	16,19	
V2F2GC	PowerPlex® Fusion		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
		4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
			13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
V3BKHD	Identifiler® Plus			19,22		15,16	12	10,11
		4sp	12,14			10,11	10	13,15
				30,30.2		X,Y	11	18,22
						6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

V3NJNZ	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
V437ZN	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
V6EUFT	PowerPlex® Fusion					
		17,17.3	19,22	11.3,12	15,16	12
4sp		12,14	13,16	18,23	10,11	10
		13,15	30,30.2	15,16	X,Y	11
		11,13	7,13	6,9.3	8	16,19
V7EEFM	PowerPlex® 16-HS					
				15,16	12	10,11
4sp				10,11	10	13,15
			30,30.2	X,Y	11	18,22
		11,13	7,13	6,9.3	8	16,19
VBZAYD	Identifiler®					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
VE8F3R	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
VEJXLC	Identifiler® Plus					
		[17],19,22		15,16	[11],12,12	10,11
4sp		12,[13],14,[15]		[8],10,11	10,10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]	X,Y	[7],11,11	18,22
				6,9.3	8,8	[14],16,19
VLARXP	Identifiler® Plus					
		19,22		15,16,[17]	12	10,11
4sp		12,14		10,11	10	13,15
		13,[14],15	[28],30,30.2	X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

VM4DRF	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
VNP6FD	GlobalFiler™					
		17,17.3	19,22	11.3,12	15,16	12,12
4sp		12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
						16,19
VTQA66	Identifiler® Plus					
		17,19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
VUDG3Z	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
VUTBUG	PowerPlex® Fusion					
	[13],[16.3],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]	13,[14],16	18,[20],23	[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11	18,[21],22
	[9],11,13	7,[9],13,[17]		6,9.3	8,[9]	[14],[15],16,19
VX6NCK	PowerPlex® Fusion					
	16.3,17,17.3	17,19,22	11.3,12	15,16	12	10,11
4sp	12,13,14	13,16	18,23	10,11	10	13,15
	13,14,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	14,16,19
VYDZRZ	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
VYTHP	Identifiler®					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19

TABLE 2

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

Item 4sp - STR Results

VZAF4X	PowerPlex® 16			15,16	12	10,11
4sp	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
VZB4UN	Identifiler® Plus			15,16	12	10,11
4sp	12,14	19,22		10,11	10	13,15
	13,14,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
W8NN4D	Identifiler® Plus			15,16	12	10,11
4sp	12,14	19,22		10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
WE8XFG	Identifiler® Plus			15,16	12,12	10,11
4sp	12,14	19,22		10,11	10,10	13,15
	13,15	30,30.2		X,Y	11,11	18,22
				6,9.3	8,8	16,19
WEKGDT	PowerPlex® HS			15,16,17	12	10,11
4sp	12,14			10,11	10	13,15
		28,30,30.2,31.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
WFRYYH	Identifiler®			15,16	12	10,11
4sp	12,14	19,22		10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
WG3FYU	PowerPlex® Fusion			15,16	[11],12	10,11
4sp	17,17.3	19,22	[10],11.3,12	10,11	10	13,15
	12,[13],14,[15]	13,16	18,[20],23	[8],10,11	10,[11],[14]	13,15
	[13],[14],15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	11	18,[21],22
	[9],11,13	7,13,[17]		6,9.3	8	[14],[15],16,19
WH69PV	PowerPlex® 16			15,16	12	10,11
4sp	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

WHMENL	PowerPlex® Fusion					
	[16.3],17,17.3	[17],19,22	[11],11.3,12	15,16,[17]	[11],12	10,11
	12,14,[15]	13,[14],16	18,[20],23	[8],10,11	10,[11],[14]	13,15
	13,15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	11	18,22
	[9],11,13	7,13,[17]		6,9.3	8	[14],[15],16,19
WJQBVG	Identifiler®					
		19,22		15,16,[17]	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2,[31.2]		X,Y	11	18,22
			6,9.3	8	[15],16,19	
WNPWZK	Identifiler® Plus					
		[17],19,22		15,16,[17]	12	10,11
	12,[13],14,[15]			10,11	10,[14]	13,15
	13,15,[15.2]	30,30.2		X,Y	11	18,[21],22
			6,9.3	8	[14],16,19	
WPHJF2	Identifiler® Plus					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	
WPWC7Q	PowerPlex® Fusion					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19
WQGDN8	Identifiler® Plus					
		[17],19,22		15,16,[17]	12	10,11
	12,[13],14,[15]			[8],10,11	10,[11]	13,15
	13,15	[28],30,30.2		X,Y	[7],11	18,22
			6,9.3	8,[9]	[14],16,19	
WQUMZ8	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
			6,9.3	8,9	14,15,16,19	
WUHNA	Identifiler®					
		19,22		15,16	12	10,11
	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
			6,9.3	8	16,19	

TABLE 2

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

Item 4sp - STR Results

WW3KVE	Identifiler® Plus		19,22		15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
						6,9.3	8	16,19
WW9K8F	Identifiler® Plus		19,22		15,16	12,12	10,11	
		4sp	12,14			10,11	10,10,[11]	13,15
			13,15	30,30.2		X,Y	11,11	18,22
						6,9.3	8,8	16,19
WXEEFK	PowerPlex® Fusion		17,17.3	19,22	[11],11.3,12	15,16,[17]	[11],12	10,11
		4sp	12,[13],14,[15]	13,16	18,[22],23	10,11	10,[11]	13,15
			13,[14],15	30,30.2,[31.2]	15,16	X,Y	11	18,22
			11,13	7,13		6,9.3	8	[14],16,19
WY7BR8	Investigator IDplex Plus Kit		22		15,16	12	11	
		4sp	12,14			10,11	10	15
			13,15	30		X,Y	11	18,22
						6	8	16
WYL6EF	PowerPlex® Fusion		17,17.3	19,22	11.3,12	15,16	12	10,11
		4sp	12,14,15	13,16	18,22,23	10,11	10	13,15
			13,15	30,30.2,31.2	15,16	X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,18,19
X2MZNP	PowerPlex® Fusion		17,17.3	22	11.3,12	15,16	12	10,11
		4sp	12,14	13,16	18	10,11	10	13,15
			13,15	30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
X2U74T	PowerPlex® 16				15,16	12	10,11	
		4sp	12,14			10,11	10	13,15
				30,30.2		X,Y	11	18,22
			11,13	7,13		6,9.3	8	16,19
X3GE3M	PowerPlex® Fusion		13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
		4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
			13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			9,11,13	7,9,13,17		6,9.3	8,9	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

X4ENV6	Identifiler® Plus					
		[17],19,22		15,16,[17]	11,12	10,11
	4sp	12,[13],14,[15]		[8],10,11	10,[11],[14]	13,15
		13,[14],15,[15.2]	[28],30,30.2,[31.2]	X,Y	[7],11	18,[21],22
			6,9,3	8,[9]	[14],[15],16,19	
X7PZ2U	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9,3	8,8	16,19	
X942WT	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9,3	8	16,19	
XAP974	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9,3	8	16,19	
XB3RF2	GlobalFiler™					
		17,17.3	19,22	11.3,12	15,16	12,12
	4sp	12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
			16,17	6,9,3	8,8	16,19
XBWXJ2	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9,3	8,8	16,19	
XBYMQJ	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9,3	8,8	16,19	
XBZYJE	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12,12	10,11
	4sp	12,[13],14,[15]		10,11	10,10,[11],[14]	13,15
		13,[14],15,[15.2]	30,30.2,[31.2]	X,Y	11,11	18,[21],22
			6,9,3	8,8	[14,15],16,19	

TABLE 2

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

Item 4sp - STR Results

XCWHLF	Identifiler® Plus					
		19,22		15,16	12,12	10,11
	4sp	12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
			6,9.3	8,8	16,19	
XDBMHT	PowerPlex® 21					
		17,17.3	19,22	15,16,17	11,12	10,11
	4sp	12,13,14		18,23	10,11	10
		13,15	30,30.2	X,Y	11	18,21,22
	11,13	7,13	6,9.3	8,9	16,19	
XE3P69	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,13,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
XH24PD	Identifiler®					
		19,22,[-]		15,16,[-]	[11],12	10,11
	4sp	12,[13],14,[-]		10,11,[-]	10,[-]	13,15
		13,[14],15,[-]	30,30.2,[-]	X,Y	[7],11	18,22,[-]
			6,9.3	8,[-]	[14],16,19,[-]	
XHDZHB	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
	4sp	12,13,14,15		[8],10,11	10,[11]	13,15
		13,[14],15,[15.2]	30,[30.2],31.2	X,Y	[7],11	18,[21],22
			6,9.3	8,[9]	14,[15],16,19	
XMBJWF	PowerPlex® Fusion					
		17,17.3	19,22	11,11.3,12	15,16	11,12
	4sp	12,14,15	13,16	18,23	8,10,11	10
		13,15	30,30.2	15,16	X,Y	11
	11,13	7,13	6,9.3	8	16,19	
XMD36C	Identifiler® Plus					
		19,22		15,16	12	10,11
	4sp	12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
			6,9.3	8	16,19	
XPTAR6	PowerPlex® Fusion					
		17,17.3	19,22	11.3,12	15,16	12,12
	4sp	12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
	11,13	7,13	6,9.3	8,8	16,19	

TABLE 2

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

Item 4sp - STR Results

XXY7DC	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
XXY9JR	PowerPlex® Fusion						
		17,17.3	19,22	11.3,12	15,16	12	10,11
	4sp	12,14	13,16	18,23	10,11	10	13,15
		13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19	
Y679QN	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	[28],30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
Y9QCJF	Identifiler® Plus						
		19,22		15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
		13,15	30,30.2	X,Y	11	18,22	
			6,9.3	8	16,19		
Y9VHZP	PowerPlex® 16 HS						
				15,16,17	11,12	10,11	
	4sp	12,13,14,15		8,10,11	10,11,14	13,15	
			28,30,30.2,31.2	X,Y	7,11	18,21,22	
	9,11,13	7,9,13,17	6,9.3	8,9	14,15,16,19		
YAMRWC	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		
YCHTAL	PowerPlex® 16						
				15,16	12	10,11	
	4sp	12,14		10,11	10	13,15	
			30,30.2	X,Y	11	18,22	
	11,13	7,13	6,9.3	8	16,19		
YDXHMR	Identifiler® Plus						
		19,22		15,16	12,12	10,11	
	4sp	12,14		10,11	10,10	13,15	
		13,15	30,30.2	X,Y	11,11	18,22	
			6,9.3	8,8	16,19		

TABLE 2

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

Item 4sp - STR Results

YDYP3L	Identifiler® Plus	[17],19,22		15,16,[17]	[11],12	10,11
4sp		12,14,[15]		[8],10,11	10	13,15
		13,15	[28],30,30.2,[31.2]	X,Y	11	18,22
				6,9.3	8	16,19
YEWVY8		17,17.3	19,22	11.3,12	15,16	12,12
4sp		12,14	13,16	18,23	10,11	10,10
		13,15	30,30.2	15,16	X,Y	11,11
				16,17	6,9.3	8,8
YGCPYD	Identifiler®		19,22		14,15,16	12
4sp					8,10,11	10,14
					X,Y	11
			28,30,30.2,31.2			22
					6,9.3	8
YH6F6R	Identifiler® Plus, PowerPlex® 16 HS		19,22		15,16	12
4sp					10,11	10
					X,Y	11
			30,30.2			18,22
			7,13		6,9.3	8
YNP2ZL	Identifiler® Plus		19,22		15,16	12
4sp					10,11	10
					X,Y	11
			30,30.2			18,22
					6,9.3	8
YP2VFL	Identifiler® Plus		19,22		15,16	12
4sp					10,11	10
					X,Y	11
			30,30.2			18,22
					6,9.3	8
YPH4GA	GlobalFiler™	[13],[16.3],17,17.3	19,22	[10],[11],11.3,12	15,16,[17]	11,12,12
4sp					8,10,11	10,10,[11]
					X,Y	[7],11,11
			[28],30,30.2	15,16		18,[21],22
				16,17,[22.2]	6,9.3	8,8
						[14],16,19
YRX4AM	Identifiler®		19,22		15,16	12
4sp					10,11	10,11
					X,Y	11
			30,30.2			18,22
					6,9.3	8
						16,19

TABLE 2

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

Item 4sp - STR Results

YT24N3	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
YURGX9	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	[10],11,11.3,12	15,16,17	11,12	10,11
4sp		13,14,16	18,[20],23	8,10,11	10,10,[11],[14]	13,15
	13,14,15,[15.2]	[28],30,30.2,[31.2]	15,16	X,Y	[7],11,11	18,21,22
			16,17,22.2	6,9.3	8,8,[9]	14,[15],16,19
YWVLN3	Identifiler® Plus					
		17,19,22		15,16,17	11,12	10,11
4sp		12,13,14,15		8,10,11	10,11,14	13,15
		13,14,15,15.2	28,30,30.2,31.2	X,Y	7,11	18,21,22
				6,9.3	8,9	14,15,16,19
YZ7VEB	PowerPlex® Fusion					
	17,17.3	[17],19,22	[11],11.3,12	15,16	12	10,11
4sp		13,[14],16	18,[20],23	10,11	10,[11]	13,15
	13,15	30,30.2,[31.2]	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
Z4MF2Q	Identifiler® Plus					
		19,22		15,16	12,12	10,11
4sp		12,14		10,11	10,10	13,15
		13,15	30,30.2	X,Y	11,11	18,22
				6,9.3	8,8	16,19
Z644MY	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19
Z6YP3J	Identifiler® Plus					
		[17],19,22		15,16,[17]	[11],12	10,11
4sp		12,[13],14,[15]		[8],10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2,[31.2]		X,Y	[7],11	18,[21],22
				6,9.3	8,[9]	[14],[15],16,19
Z9PT8C	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp		12,14		10,11	10	13,15
		13,15	30,30.2	X,Y	11	18,22
				6,9.3	8	16,19

TABLE 2

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

Item 4sp - STR Results

ZAZJKM	GlobalFiler™					
	[13],[16.3],17,17.3	[17],19,22	[10],[11],11.3,12	15,16,[17]	[11],12	10,11
4sp	12,[13],14,[15]	13,[14],16	18,23,[24]	10,11	10,[11],[14]	13,15
	13,[14],15,[15.2]	[28],30,30.2	15,16	X,Y	[7],11	18,[21],22
			16,17	6,9.3	8	[14],16,19
ZBUGNM	PowerPlex® 16 HS			15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8	15,16,19
ZBV2LN	Identifiler® Plus			15,16	12	10,11
		19,22		10,11	10	13,15
4sp	12,14			X,Y	11	18,22
	13,15	30,30.2		6,9.3	8	16,19
ZC82JH	Identifiler® Plus			15,16	12	10,11
		19,22		10,11	10	13,15
4sp	12,14			X,Y	11	18,22
	13,15	30,30.2		6,9.3	8	16,19
ZE4UTE	Identifiler®			15,16	12	10,11
		19,22		10,11	10	13,15
4sp	12,[13],14			X,Y	11	18,22
	13,15	30,30.2		6,9.3	8	16,19
ZFYDUF	Identifiler® Plus, PowerPlex® 16,Fusion			15,16	*,12	10,11
	17,17.3	19,22	11.3,12	10,11	10	13,15
4sp	12,14	13,16	18,23	X,Y	11	18,22
	13,15	30,30.2,*	15,16	6,9.3	8	16,19
	11,13,*	7,13				
ZG2X7N	Identifiler® Plus			15,16	12	10,11
		[17],19,22		10,11	10	13,15
4sp	12,14			X,Y	11	18,22
	13,15	30,30.2		6,9.3	8	16,19
ZGXTF7	Identifiler® Plus			15,16	11,12	10,11
		19,22		8,10,11	10,11	13,15
4sp	12,13,14,15			X,Y	11	18,21,22
	13,14,15	28,30,30.2,31.2		6,9.3	8	14,16,19

TABLE 2

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

Item 4sp - STR Results

ZHM8YP	PowerPlex® Fusion					
	17,17.3	19,22	11.3,12	15,16	12	10,11
4sp	12,14	13,16	18,23	10,11	10	13,15
	13,15	30,30.2	15,16	X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19
ZKJVZ7	Identifiler® Plus					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
ZKW84W	GlobalFiler™					
	13,16.3,17,17.3	17,19,22	10,11,11.3,12	15,16,17	11,12	10,11
4sp	12,13,14,15	13,14,16	18,20,23	8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2	15,16	X,Y	7,11	18,21,22
			16,17,22.2	6,9.3	8,9	14,15,16,19
ZNDY76	Identifiler® Plus					
		19,22		15,16	12	10
4sp	12,[13],14			11	10	13,15
	13,15,[15.2]			X,Y	11	
				6,9.3	8	15,16,19
ZXRRU9	GlobalFiler™					
	[16.3],17,17.3	[17],19,22	[10],11.3,12	15,16	11,12,12	10,11
4sp	12,14,[15]	13,14,16	18,23	10,11	10,10,[14]	13,15
	13,[14],15,[15.2]	30,30.2	15,16	X,Y	[7],11,11	18,22
			16,17,[22.2]	6,9.3	8,8	[15],16,19
ZYWD8M	Identifiler®, MiniFiler™					
		19,22		15,16	12	10,11
4sp	12,14			10,11	10	13,15
	13,15	30,30.2		X,Y	11	18,22
				6,9.3	8	16,19
ZZJEFF	Identifiler® Plus, PowerPlex® 16					
		17,19,22		15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10,11,14	13,15
	13,14,15,15.2	28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,*		6,9.3	8,9	14,15,16,19
ZZTTWQ	PowerPlex® 16 HS					
				15,16,17	11,12	10,11
4sp	12,13,14,15			8,10,11	10	13,15
		28,30,30.2,31.2		X,Y	7,11	18,21,22
	9,11,13	7,9,13,17		6,9.3	8	14,15,16,19

TABLE 2

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

Item 4sp - STR Results

ZZWDKT	PowerPlex® 16					
				15,16	12	10,11
4sp	12,14			10,11	10	13,15
		30,30.2		X,Y	11	18,22
	11,13	7,13		6,9.3	8	16,19

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

2422BT	Yfiler® 1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
3E7UR8	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
4M9DQ9	PowerPlex® Y 23 1	[Redacted]							
4NGTD2	Yfiler® 1	[Redacted]							
B3U8HY	Yfiler® 1	[Redacted]							
D4GMNC	Yfiler® 1	[Redacted]							
D8FXKC	Yfiler® 1	[Redacted]							
ECXUAU	Global 1	-							
G7W3LA	Yfiler® 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

H7H93Z	Yfiler® Plus	[REDACTED]								
	1	[REDACTED]								
HB8QJB	Yfiler®	NR	NR	NR	NR	NR	NR	NR	NR	
	1	NR	NR	NR	NR	NR	NR			
					NR		NR			
HE667Z	Yfiler® Direct	[REDACTED]								
	1	[REDACTED]								
JDEQRV	GlobalFiler	[REDACTED]							NR	
	1	[REDACTED]							NR	
		[REDACTED]								NR
L9QH22	Yfiler®	[REDACTED]								
	1	[REDACTED]								
LQ42W6	Yfiler®	[REDACTED]								
	1	[REDACTED]								
LYLTHJ	Yfiler®	[REDACTED]								
	1	[REDACTED]								
NECPUQ	GlobalFiler	-	-	-	-	-	NR	-	-	
	1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	NR		
NKNDUM	Yfiler®	[REDACTED]								
	1	[REDACTED]								
NNTXY	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 1 - YSTR Results

NV934Y	Yfiler® 1									
PBQE6K	Yfiler®, GlobalFiler (YIndel) 1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
Q2FCJK	GlobalFiler (DYS391, YIndel) 1									
							-			
									-	
TVJD9L	GlobalFiler 1									
							NR			
									NR	
UU3P2R	PowerPlex® Y 23 1									
X2MZNP	Yfiler® 1									
XHDZHB	Yfiler® 1									
ZFYDUF	Yfiler® 1									
ZNDY76	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 2 - YSTR Results

23QUWL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
23XZCN	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
2422BT	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	-	-
			-	-	-	23	-	12	-	-
2BJ3GC	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
2BNLHL	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
2C6HAL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
2EHJU7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
2KV2NU	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
2NVCH9	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
2QQZ7M	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

38MNVZ	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
3B8HW8	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
3E4D69	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
3E7UR8	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
3PKZV	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
43LNJ2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
43QJE2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
47396G	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
479LKL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
48DXKM	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

4FT23U	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
4KMX7	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
4M9DQ9	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
4MC82M	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
4NGTD2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
4QTRM3	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
4TEE3H	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
4TZR63	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
4YR8J2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
63M9BH	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
68Y8R3	Yfiler® 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
69R977	Yfiler® 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
6BTDLL	PowerPlex® Y 23 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
6J9TQ3	Yfiler® Plus 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
6K4CT4	Yfiler® Plus 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
6KLKJJ	Yfiler® 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
6LFBPX	Yfiler® 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
6M2TUC	2						11		
6NDTQ7	Yfiler® 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
6QT336	Yfiler® 2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

6UUWX2	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
6XD3HH	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
6XREDG	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
76DRZX	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
78UAUC	GlobalFiler Express	2						11		
									2	
7GRRV7	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
7HG39U	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
7KYEWX	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
7L9MN6	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
7LUWYZ	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	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

7NCRBJ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
7PWX2H	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
7TVAWH	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
7ZXAH6	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
89LMWV	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
8CJVDY	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
8CME3M	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
8DY6EC	GlobalFiler Express	2						11		
									2	
8KTJQX	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
8NVKTF	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

8ZZAJG	Fusion								
	2							11	
93RYQN	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12	2	
94ZCVJ	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
98LTQB	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
99PGER	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
9GHPZH	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	-	-
		-	-	-	23	-	12	-	
9M2YX4	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
9Y94PG	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
9YV8KC	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
A4HH8F	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
A6PX2E	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
ABU7FF	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
ADMPMF	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
ADPAKG	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
AJDT4Y	PowerPlex® Y 23, Fusion								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
AKPJ43	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
AN698C	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
APXYDQ	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
AQF2AR	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
AYQDEC	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 2 - YSTR Results										
AYUNJV	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
B3U8HY	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
B8P2FZ	2						11			
BDDBF6	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
BG3J2R	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
BMLFFU	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
BNUVZ2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
BV8TT8	2						11			
									2	
BVEVFE	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
BVUGPF	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

BYPQMP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CB4KQ2	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
CHT68N	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CJEEW9	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CLB327	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
CLU6A7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CMJF4F	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CPKF7X	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CPXRAP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
CQTACQ	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

CUBAR7	GlobalFiler								
	2							11	
									2
CWDBR4	Yfiler® Plus, GlobalFiler Express								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
CYY6KX	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
D2GNXZ	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
D4GMNC	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
D8BKMR	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
D8FXKC	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
D9H3LM	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
D9PZ6Y	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
DH7UXU	PowerPlex® Y								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
DK7UJP	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
DKNQ4C	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
DPTG67	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
DVT4HD	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
DVUZ4V	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
E3Q82U	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
E927TM	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
ECXUUA	Yfiler®, Global								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12	2	
EFXZT8	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
EJX74	GlobalFiler Express								
	2						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 2 - YSTR Results

EJY77R	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
ELXKFA	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ETFJXM	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
EWXGR6	Yfiler® Direct, Y Indel from GlobalFiler	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
EZ9TW9	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
EZURLK	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
F42EXV	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
FB74RM	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
FD932U	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
FDGW98	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
FEE82N	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
FFB6NB	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
FJTBJZQ	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
FK8RKJ	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
FL3ALK	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
FM7HE6	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
FT74UV	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		
FVRVRJ	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
FWLLXX	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
G34EL3									
	2						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 2 - YSTR Results										
G38YCQ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
G4TPZN	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
G6HQPP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
G7W3LA	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
G9H3J4	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
G9NJP	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
GAKWV4	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
GAPAPR	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
GCBB9K	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
GED2MM	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	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

GJNKJM	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
GMBJCW	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
GY4CAL	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
H2TRNN	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
H37F47	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
H7H93Z	Yfiler® Plus, GlobalFiler Express	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
HB8QJB	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
HE667Z	Yfiler® Direct, GlobalFiler Express	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
HETVN9	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
HLAHCJ	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	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

HMZHFV	PowerPlex® Y 23 Direct	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
HRK946	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
HTBHZR	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
HXWKJP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
HZUXH4	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
J7HT39	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
J7NVFJ	GlobalFiler	2						11		
									2	
JCP73R		2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JDEQRV	GlobalFiler	2						11		
									2	
JDQC36	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

JEQCFC	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JFYJKQ	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
JHZQK4	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JKYVGQ	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
JPPA2Q	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JQWXEN	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JQYNK7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JW3R9J	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
JW6GF2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
JXPHWJ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

JYFV8P	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
K2EUWZ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
K4LJNW	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
K6YD3C	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
KG43RD	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
KM7BWK	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
KPJEVP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
KPQDGM	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
KWGDHL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
KZGBJK	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
L6RP2J	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
L6THVB	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
L9QHZ2	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LEFGMF	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LFUW6N	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LFWDEF	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LHDCF4	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LHTZB4	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LQ42W6	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
LR8W2G	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	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

LVP9PL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
LYLTHJ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
LZBRHF	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
M72X3G	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
M94WZ3	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
MA6TLJ	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
MAVKA3	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	-	-
			-	-	-	23	-	12	-	
MBXG8Z	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ME9TLN	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
MFMRRB	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

MGHBUC	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
MHE7RU		2						11		
									2	
MJCAPH	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
MRZRLJ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
MZYL8K	Yfiler® plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
N2GYXD	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
N2HN6W	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
N4ELRH	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
N6PH9F	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
N7K2BG	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	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

NAZTYP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NBDB9M	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NE4VNX	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NECPUQ	GlobalFiler	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	2	
NF2ZKJ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	-	-
			-	-	-	23	-	12	-	
NHCMHX	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
NKNDUM	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NM3QZV	Yfiler® Direct, GFE for Y Indel	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
NNTXYY	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NRYL8H	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	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

NV3JHB	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NV934Y	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
NX8Z2Z	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
P23H76	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
P3FRJC	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	-	-
			-	-	-	23	-	12	-	
PAWEGM	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
PBQE6K	Yfiler®, GlobalFiler (YIndel)	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
PEWHMY	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
PH8PK8	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
PHKPDN	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

PKW6ZA	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			18	18	23		12	2		
PMU7MC	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
Q2FCJK	Yfiler®, GlobalFiler (YIndel)	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
Q6YCRD	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
QBA9U2	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12		
QE8RXL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
QEYPBD	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
QLMGAE	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
QMZZJC	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
QNTTEV	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 2 - YSTR Results										
QPWX7W	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
R2UXTL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
R7H7TY	PowerPlex® Y	2								
R7PP2J	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
RDR2XF	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
RFXADR	GlobalFiler	2						11		
									2	
RKQAT9	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
RLKZYM	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
RNUAPY	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
RQBJT6	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

RTJV9L	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
RXDTYX	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
RYWDFE	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
T3Y6B6	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
T3Y7XX	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
T4XYJB	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
T6249Q	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
TDJCBU	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
TFJL2X	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
TGUMPH	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

TN3QDW	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
TNGDMY	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
TNXZV8	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
TQ26LU	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
TUJ2UX	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
TVJD9L	GlobalFiler	2						11		
									2	
TYGGME	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
U2YXH6	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
U3H9J7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
U7ZJKF	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

U97VEB	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			18	18	23		12	2		
UCFCAT	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
UJRZLB	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			18	18	23		12	2		
UN6QYH	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
					23		12			
UNDJE6	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			18	18	23		12	2		
UNXTF7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
					23		12			
UT3ZQV	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
					23		12	2		
UU3P2R	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
UWP6EF	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
					23		12			
V2F2GC	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

V3BKHD	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
V3NJNZ	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
V437ZN	YFD, GFE for Indel	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12	2	
V6EUFT	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
V7EEFM	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
VM4DRF	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
VNP6FD	Yfiler® Plus, GlobalFiler	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
VTQA66	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
VYTHP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
VZB4UN	GlobalFiler Express	2						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 2 - YSTR Results

W8NN4D	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WE8XFG	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WEKGD	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
WFRYYH	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WG3FYU	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
WHMENL	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
WJQBVG	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WPHJF2	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WPWC7Q	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WQUMZ8	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 2 - YSTR Results										
WW3KVE	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WW9K8F	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
WY7BR8	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
X2MZNP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
X3GE3M	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
X4ENV6	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
XB3RF2	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
XCWHLF	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
XDBMHT	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
XH24PD	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

XHDZHB	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
XMD36C	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
XPTAR6	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
XYX9JR	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
Y679QN	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
Y9GK7C	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
Y9VHZP	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		
YCHTAL	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
YGCPYD	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
YH6F6R	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 2 - YSTR Results									
YNP2ZL	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
YPH4GA	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
YT24N3	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
YURGX9	Yfiler® Plus								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
			18	18	23		12	2	
YWVLN3	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
YZ7VEB	Fusion								
	2						11		
Z644MY	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
Z6YP3J	Powerplex Fusion Direct								
	2						11		
Z9PT8C	Yfiler®								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20		
					23		12		
ZBUGNM	PowerPlex® Y 23								
	2	14	11,14	13	29	23	11	13	13
		15	12	12	19	15	20	23	13
		13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 2 - YSTR Results

ZBV2LN	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ZC82JH	Yfiler® Plus, GlobalFiler Express	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
ZFYDUF	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ZGXF7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ZHM8YP	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ZKJVZ7	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ZKW84W	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12		
ZNDY76	Yfiler®	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20		
						23		12		
ZXR9U9	Yfiler® Plus	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
				18	18	23		12	2	
ZZTTWQ	PowerPlex® Y 23	2	14	11,14	13	29	23	11	13	13
			15	12	12	19	15	20	23	13
			13	18	18	23	10	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 3 - YSTR Results

2422BT	Yfiler®								
	3	-	-	-	-	-	-	-	-
2C6HAL	Yfiler®								
	3								
2EHJU7	Yfiler®								
	3								
3E7UR8	Yfiler®								
	3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
				NR		NR			
4NGTD2	Yfiler®								
	3								
7NCRBJ	Yfiler®								
	3								
98LTQB	Yfiler®								
	3								
ABU7FF	Yfiler®								
	3								
B3U8HY	Yfiler®								
	3								
BG3J2R	Yfiler®								
	3						11		14

23

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

BNUVZ2	Yfiler®	3	NR	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR		
						NR		NR		
BVUGPF	Yfiler®	3	[Redacted]							
CMJF4F	Yfiler®	3	[Redacted]							
D4GMNC	Yfiler®	3	[Redacted]							
D8FXKC	Yfiler®	3	[Redacted]							
DH7UXU	PowerPlex® Y	3	[Redacted]							
DPTG67	Yfiler®	3	[Redacted]							
ECXUUAU	Yfiler®, Global	3	-	-	-	-	-	-	-	-
EZ9TW9	Yfiler®	3	[Redacted]							
G4TPZN	Yfiler®	3	[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 3 - YSTR Results

G7W3LA	Yfiler® 3	[Redacted]							
G9H3J4	Yfiler® 3	[Redacted]							
GJNKJM	PowerPlex® Y 23 3	[Redacted]							
GY4CAL	Yfiler® Plus, PowerPlex® Y 3	[Redacted]							
H7H93Z	Yfiler® Plus 3	[Redacted]							
HB8QJB	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
				NR		NR			
JDEQRV	GlobalFiler 3						NR		
								NR	
JW3R9J	PowerPlex® Y 23 3	[Redacted]							
L6RP2J	Yfiler® 3	[Redacted]							
L9QH22	Yfiler® 3	[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 3 - YSTR Results

LHDCF4	Yfiler® 3	[REDACTED]								
LNJ8Z4	GlobalFiler 3	[REDACTED]								
LQ42W6	Yfiler® 3	[REDACTED]								
LYLTHJ	Yfiler® 3	[REDACTED]								
M94WZ3	Yfiler® 3	[REDACTED]								
MBXG8Z	Yfiler® 3	[REDACTED]								
NECPUQ	GlobalFiler 3	-	-	-	-	-	NR	-	-	
		-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	NR	-	
NKNDUM	Yfiler® 3	[REDACTED]								
NNTXYY	Yfiler® 3	[REDACTED]								
NV934Y	Yfiler® 3	[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 3 - YSTR Results

PBQE6K	Yfiler®, GlobalFiler (YIndel)								
	3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
Q2FCJK	Yfiler®, GlobalFiler (YIndel)								
	3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
R7PP2J	Yfiler®								
	3								
T3Y7XX	Yfiler®								
	3								
TDJCBU	Yfiler®								
	3								
TVD9L	GlobalFiler								
	3						NR		
									NR
UT3ZQV	Yfiler®								
	3								
V3BKHD	Yfiler®								
	3								
X2MZNP	Yfiler®								
	3								
XHDZHB	Yfiler®								
	3								

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

XPTAR6 PowerPlex® Y 23
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	
YGCPYD	Yfiler®	14	13,17	14	30	22	11	11	12
		15	9	11	20	15	18		
					22		12		

YPH4GA Yfiler® Plus
3



ZFYDUF Yfiler®
3



ZNDY76 Yfiler®
3



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

6NDTQ7	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
7L9MN6	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
CPKF7X	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
G7W3LA	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
G9NJXP	PowerPlex® Y 23	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
JHZQK4	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
JQYNK7	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
K6YD3C	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
L9QHZ2	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
LHTZB4	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4 - YSTR Results

LQ42W6	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
ME9TLN	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
MFMRRB	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
NNTXYX	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
TGUMPH	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
UCFCAT	PowerPlex® Y 23	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
UNDJE6	Yfiler® Plus	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
UWP6EF	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
WFRYYH	Yfiler®	4	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
X2MZNP	Yfiler®	4	14	11,14	13		23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4 - YSTR Results

Y9GK7C	Yfiler®								
	4	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23			12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

23QUWL	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
23XZCN	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
2422BT	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	-
2BJ3GC	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
2BNLHL	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
2C6HAL	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
2EHJU7	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
2KV2NU	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
2NVCH9	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
2QQZ7M	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

38MNVZ	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		20	17	23			12	2	
3B8HW8	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
3E4D69	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
3E7UR8	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
43LNJ2	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
43QJE2	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
47396G	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
479LKL	Yfiler®								
	4e								
48DXKM	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
4FT23U	Yfiler®								
	4e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

4KMXT7	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
4MC82M	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
4NGTD2	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
4QTRM3	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
4TEE3H	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
4TZR63	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		20	17	23		12	2		
4YR8J2	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
63M9BH	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
68Y8R3	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
69R977	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

6BTDLL	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
		13	20	17	23	11	12			
6J9TQ3	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
6K4CT4	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
6KLKJJ	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
6LFBPX	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
6M2TUC	4e						11			
6QT336	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
6UUWX2	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
6XD3HH	PowerPlex® Y 23 4e									
6XREDG	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
		13	20	17	23	11	12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4e - YSTR Results									
76DRZX	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7DVZPU	Yfiler®								
	4e								
7GRRV7	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
7HG39U	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7KYEWX	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
7LUWYZ	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
7NCRBJ	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7PWX2H	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
7TVAWH	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
7ZXAH6	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

89LMWV	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
8CJVDY	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
8CME3M	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
8KTJQX	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
8NVKTF	PowerPlex® Y 23 4e									
8ZZAJG	Fusion 4e							11		
93RYQN	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12	2		
94ZCVJ	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
		13	20	17	23	11	12			
98LTQB	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
99PGER	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

9GHPZH	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
9M2YX4	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
9Y94PG	PowerPlex® Y 16HS 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
9YV8KC	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
A4HH8F	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
A6PX2E	Yfiler® 4e								
ABU7FF	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ADMMPF	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
ADPAKG	PowerPlex® Y 23 4e								
AJDT4Y	PowerPlex® Y 23, Fusion 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

AKPJ43	Yfiler®								
	4e	14	11,14	13		23	11	13	14
		15	12	12	19	15	16		
					23		12		
AN698C	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
APXYDQ	Yfiler®								
	4e								
AQF2AR	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
AYQDEC	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
B3U8HY	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
B8P2FZ									
	4e						11		
BDDBF6	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
BG3J2R	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
BMLFFU	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

BNUVZ2	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
BVEVFE	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
BVUGPF	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
BYPQMP	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
CB4KQ2	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
CHT68N	Yfiler® 4e								
CJEEW9	Yfiler® 4e								
CLB327	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
CLU6A7	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
CMJF4F	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

CPXRAP	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
CQTACQ	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12		
CUBAR7	GlobalFiler	4e						11		
									2	
CWDBR4	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12		
CYY6KX	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
D2GNXZ	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
D4GMNC	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
D8BKMR	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
D8FXKC	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
D9H3LM	Yfiler®	4e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

D9PZ6Y	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
DH7UXU	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
DK7UJP	Yfiler®								
	4e								
DKNQ4C	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
DPTG67	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
DVT4HD	Yfiler®								
	4e								
DVUZ4V	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
E3Q82U	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
E927TM	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
ECXUUA	Yfiler®, Global								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12	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 4e - YSTR Results

EFXZT8	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
EJY77R	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
ELXKFA	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
ETFJXM	PowerPlex® Y 23	4e						11		
EWXGR6	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
EZ9TW9	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
EZRLK	Yfiler®	4e								
F42EXV	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FB74RM	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FD932U	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

FDGW98	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FEE82N	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FFB6NB	PowerPlex® Y 23	4e								
FJTBZQ	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
FK8RKJ	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
FL3ALK	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FM7HE6	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FT74UV	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
FVRVRJ	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
FWLLXX	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

G38YCQ	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
G4TPZN	Yfiler®								
	4e								
G6HQPP	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
G9H3J4	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
GAKWV4	Yfiler®								
	4e								
GAPAPR	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
GCBB9K	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
GED2MM	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		20	17	23		12	2		
GJNKJM	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
GMBJCW	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

GY4CAL	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
H2TRNN	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
H37F47	PowerPlex® Y 23	4e	14	11,[14]	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
H7H93Z	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12		
HB8QJB	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
HE667Z	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
HETVN9	PowerPlex® Y 23	4e								
HLAHCJ	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
HMZHFV	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
HRK946	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

HTBHZR	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
HXWKJP	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
HZUXH4	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
J7HT39	PowerPlex® Y 23	4e								
J7NVFJ	GlobalFiler	4e	[11]							
			[2]							
JDEQRV	GlobalFiler	4e	11							
			2							
JDQC36	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
JEQCFC	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
JFYJKQ	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
JKYVGQ	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

JPPA2Q	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
JQWXEN	Yfiler®								
	4e								
JW3R9J	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
JW6GF2	Yfiler®								
	4e			13	29	23	11		14
		15	12	12	19	15	16		
				23					
JXPHWJ	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
JYFV8P	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		20	17	23		12	2		
K2EUWZ	Yfiler®								
	4e								
							16		
K4LJNW	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
KG43RD	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
KM7BWK	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

KPJEVP	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
KPQDGM	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
KWGDHL	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
KZGBJK	PowerPlex® Y 23								
	4e								
L6RP2J	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
L6THVB	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
LEFGMF	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
LFUW6N	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
LFWDEF	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			
LHDCF4	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
				23		12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

LNJ8Z4	GlobalFiler								
	4e						11		
								2	
LR8W2G	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
LVP9PL	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
LYLTHJ	Yfiler®								
	4e								
LZBRHF	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
M72X3G									
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
M94WZ3	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
MA6TLJ	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
MAVKA3	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
MBXG8Z	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

MGHBUC	Yfiler®									
	4e									
MHE7RU										
	4e							11		
								2		
MJCGPH	Yfiler®									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
						23	12			
MRZRLJ	Yfiler®									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
						23	12			
MZYL8K	Yfiler® Plus									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
				20	17	23	12	2		
N2GYXD	PowerPlex® Y 23									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
		13	20	17	23	11	12			
N2HN6W	Yfiler®									
	4e									
N4ELRH	Yfiler®									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
						23	12			
N6PH9F	Yfiler® Plus									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
				20	17	23	12	2		
N7K2BG	Yfiler® Plus									
	4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
				20	17	23	12	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 4e - YSTR Results

N7QCFC	Yfiler®								
	4e								
NAZTYP	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NBDB9M	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NE4VNX	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NECPUQ	GlobalFiler								
	4e	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	2	
NF2ZKJ	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
NHCMHX	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
NKNDUM	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NM3QZV	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NRYL8H	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	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 4e - YSTR Results

NV3JHB	Yfiler®	[REDACTED]							
	4e	[REDACTED]							
NV934Y	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		
NX8Z2Z	PowerPlex® Y 23	[REDACTED]							
	4e	[REDACTED]							
P23H76	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		
P3FRJC	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	-	-
		-	-		23	-	12	-	
PAWEGM	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		
PBQE6K	Yfiler®, GlobalFiler (YIndel)	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12	2	
PEWHMY	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
PH8PK8	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12	2	
PHKPDN	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

PKW6ZA	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			20	17	23		12	2		
PMU7MC	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
Q2FCJK	Yfiler®, GlobalFiler (YIndel)	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12	2	
QBA9U2	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			20	17	23		12			
QE8RXL	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QEYPBD	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QLMGAE	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			20	17	23		12	2		
QMZZJC	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QNTTEV	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QPWX7W	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

R2UXTL	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
R7PP2J	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
RDR2XF	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
RKQAT9	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
RLKZYM	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
RNUAPY	PowerPlex® Y 23	4e								
RQBJT6	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
RTJV9L	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
RXDTYX	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
RYWDFE	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

T3Y6B6	Yfiler®								
	4e								
T3Y7XX	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
T4XYJB	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
T6249Q	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TDJCBU	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
TFJL2X	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TN3QDW	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TNGDMY									
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
TNXZV8	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
TQ26LU	PowerPlex® Y 23								
	4e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

TUJ2UX	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
TVJD9L	GlobalFiler	4e						11		
									2	
TYGGME	Yfiler®	4e								
U2YXH6	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
U3H9J7	Yfiler®	4e								
U7ZJKF	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
U97VEB	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
UJRZLB	Yfiler® Plus	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
UN6QYH	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
UNXTF7	Yfiler®	4e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

UT3ZQV	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12	2	
UU3P2R	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
V2F2GC	PowerPlex® Y 23	4e								
V3BKHD	Yfiler®	4e								
V3NJNZ	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
V437ZN	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
V6EUFT	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
V7EEFM	PowerPlex® Y 23	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
VM4DRF	Yfiler®	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
VNP6FD	Yfiler® Plus, GlobalFiler	4e	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	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 4e - YSTR Results

VTQA66	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
VYTHP	Yfiler® 4e								
W8NN4D	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WE8XFG	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WEKGDT	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
WG3FYU	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
WHMENL	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
WJQBVG	Yfiler® 4e								
WPHJF2	Yfiler® 4e								
WPWC7Q	Yfiler® 4e								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

WQUMZ8	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WW3KVE	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WW9K8F	Yfiler® 4e								
WY7BR8	PowerPlex® Y 23 4e	14	11,14	13	29	23	11		14
		15	12	12	19	15	16	22	
			20	17	23		12		
X3GE3M	Yfiler® 4e						11		
X4ENV6	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
XB3RF2	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
XCWHLF	Yfiler® 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
XDBMHT	Yfiler® 4e								
XH24PD	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

XHDZHB	Yfiler®								
	4e								
XMD36C	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		
XPTAR6	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
XYX9JR	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
Y679QN	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		
Y9VHZP	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
YCHTAL	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		
YGCPYD	Yfiler®	14	11,14,[17]	13	29	[22],23	11	13	[12],14
	4e	15	12	12	19	15	16,[18]		
					23		12		
YH6F6R	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
YNP2ZL	Yfiler®	14	11,14	13	29	23	11	13	14
	4e	15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4e - YSTR Results

YPH4GA	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
YT24N3	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
YURGX9	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12	2		
YWVLN3	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
YZ7VEB	PowerPlex® Y, Fusion 4e						11			
		[Redacted]								
Z644MY	Yfiler® 4e	[Redacted]								
		[Redacted]								
Z9PT8C	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
ZBUGNM	PowerPlex® Y 23 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
		13	20	17	23	11	12			
ZBV2LN	Yfiler® 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16			
					23		12			
ZC82JH	Yfiler® Plus 4e	14	11,14	13	29	23	11	13	14	
		15	12	12	19	15	16	22	12	
			20	17	23		12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4e - YSTR Results									
ZFYDUF	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZGXTF7	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZHM8YP	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZKJVZ7	Yfiler®								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZKW84W	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12		
ZNDY76	Yfiler®								
	4e	14				23	11		14
		15			19	15	16		
					23				
ZXRRU9	Yfiler® Plus								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
ZZTTWQ	PowerPlex® Y 23								
	4e	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

23QUWL	Yfiler®								
	4sp	13							
		12							
23XZCN	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
2BJ3GC	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
2BNLHL	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
2C6HAL	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
		23				12			
2EHJU7	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
		23				12			
2KV2NU	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
		23				12			
2NVCH9	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
		23				12			
2QQZ7M	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
38MNVZ	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		20	17	23	12		2		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

3B8HW8	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
3E4D69	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
3E7UR8	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
3PKZV	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
43LNJ2	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
43QJE2	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
47396G	Yfiler® 4sp						11		
479LKL	Yfiler® 4sp		11,NR		29		11	13	14
				12		15	16		
					23				
48DXKM	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
4FT23U	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
4KMX7	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
4MC82M	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
4NGTD2	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
4QTRM3	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
4TEE3H	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
4TZR63	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
4YR8J2	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
63M9BH	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
68Y8R3	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
69R977	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
6BTDLL	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
6J9TQ3	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
6K4CT4	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
6KLKJJ	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
6LFBPX	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
6M2TUC							11		
	4sp								
6QT336	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
6UUWX2	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
6XD3HH	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
6XREDG	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
76DRZX	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7DVZPU	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7GRRV7	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
7HG39U	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7KYEWX	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
7LUWYZ	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
7NCRBJ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
7PWX2H	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
7TVAWH	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
7ZXAH6	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

89LMWV	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
8CJVDY	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
8CME3M	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
8KTJQX	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
8NVKTF	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
8ZZAJG	Fusion 4sp						11		
93RYQN	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12	2	
94ZCVJ	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
98LTQB	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
99PGER	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

9GHPZH	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
9M2YX4	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
9Y94PG	PowerPlex® Y 16HS 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
9YV8KC	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
A4HH8F	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
A6PX2E	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ABU7FF	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ADMMPF	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
ADPAKG	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
AJDT4Y	PowerPlex® Y 23, Fusion 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
AKPJ43	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
AN698C	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
APXYDQ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
AQF2AR	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
AYQDEC	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
AYUNJV	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
B3U8HY	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
B8P2FZ	4sp						11		
BDDBF6	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
BG3J2R	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

BMLFFU	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
BNUVZ2	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
BVEVFE	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
BVUGPF	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
BYPQMP	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
CB4KQ2	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
CHT68N	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
CJEEW9	Yfiler®	4sp		11	13	29	23	11		14
			15	12		19	15	16		
						23				
CLB327	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
CLU6A7	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
CMJF4F	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
CPXRAP	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
CQTACQ	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12		
CUBAR7	GlobalFiler								
	4sp						11		
								2	
CWDBR4	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12		
CYY6KX	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
D2GNXZ	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
D4GMNC	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
D8BKMR	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
D8FXKC	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
D9H3LM	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
D9PZ6Y	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
DH7UXU	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
DK7UJP	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
DKNQ4C	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
DPTG67	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
DVT4HD	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
DVUZ4V	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
E3Q82U	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
E927TM	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
ECXUAU	Yfiler®, Global 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12	2	
EFXZT8	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
EJY77R	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
ELXKFA	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ETFJXM	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
EWXGR6	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
EZ9TW9	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
EZRLK	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
F42EXV	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
FB74RM	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

FD932U	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
FDGW98	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
FEE82N	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
FFB6NB	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
FJT BZQ	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
FK8RKJ	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
FL3ALK	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
FM7HE6	Yfiler® 4sp								
FT74UV	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
FVRVRJ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
FWLLXX	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
G38YCQ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
G4TPZN	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
G6HQPP	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
G9H3J4	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
GAKWV4	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
GAPAPR	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
GCBB9K	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
GED2MM	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
GJNKJM	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
GMBJCW	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
GY4CAL	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
H2TRNN	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
					23		12			
H37F47	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
H7H93Z	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12		
HB8QJB	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
					23		12			
HE667Z	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
					23		12			
HETVN9	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
HLAHCJ	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
HMZHFV	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
HRK946	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
HTBHZR	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
HXWKJP	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
HZUXH4	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
J7HT39	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
J7NVFJ	GlobalFiler								
	4sp						11		
								2	
JDEQRV	GlobalFiler								
	4sp						11		
								2	
JDQC36	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
JEQCFC	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
JFYJKQ	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

JKYVGQ	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
JPPA2Q	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
JQWXEN	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
JW3R9J	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
JW6GF2	Yfiler®	4sp			13			11		14
			15	12		19	15	16		
						23				
JXPHWJ	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
JYFV8P	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
				20	17	23		12	2	
K2EUWZ	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
K4LJNW	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
KG43RD	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
KM7BWK	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
KPJEVP	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
KPQDGM	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
KWGDHL	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
KZGBJK	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
L6RP2J	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
L6THVB	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
LEFGMF	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
LFWDEF	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
LHDCF4	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

LNJ8Z4	GlobalFiler								
	4sp							11	
									2
LR8W2G	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
LVP9PL	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
LYLTHJ	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
LZBRHF	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
M72X3G									
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
M94WZ3	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
MA6TLJ	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
MAVKA3	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
MBXG8Z	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
MGHBUC	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
MHE7RU	4sp						11		
									2
MJCAPH	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
MRZRLJ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
MZYL8K	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
N2GYXD	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
N2HN6W	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
N4ELRH	Yfiler® 4sp	14	11,14	13	29	23	11		14
		15	12	12	19	15	16		
					23		12		
N6PH9F	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
N7K2BG	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
N7QCFC	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NAZTYP	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NBDB9M	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NE4VNX	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NECPUQ	GlobalFiler 4sp	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	2	
NF2ZKJ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
NHCMHX	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
NKNDUM	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NM3QZV	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NRYL8H	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
NV3JHB	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NV934Y	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
NX8Z2Z	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
P23H76	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
P3FRJC	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	-	-
		-	-	-	23	-	12	-	
PAWEGM	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
PBQE6K	Yfiler®, GlobalFiler (YIndel) 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12	2	
PEWHMY	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
PH8PK8	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12	2	
PHKPDN	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
Item 4sp - YSTR Results										
PKW6ZA	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			20	17	23		12	2		
PMU7MC	PowerPlex® Y 23	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			13	20	17	23	11	12		
Q2FCJK	Yfiler®, GlobalFiler (YIndel)	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12	2	
Q6YCRD	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QBA9U2	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			20	17	23		12			
QE8RXL	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QEYPBD	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		
QLMGAE	Yfiler® Plus	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16	22	12
			20	17	23		12	2		
QMZZJC	Yfiler®	4sp			13		23	11		14
			15				15	16		
QNTTEV	Yfiler®	4sp	14	11,14	13	29	23	11	13	14
			15	12	12	19	15	16		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	

Item 4sp - YSTR Results

QPWX7W	Yfiler®								
	4sp								
R2UXTL	Yfiler®	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16		
					23		12		
R7PP2J	Yfiler®	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16		
					23		12		
RDR2XF	Yfiler® Plus	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16	22	12
			20	17	23		12	2	
RKQAT9	Yfiler® Plus	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16	22	12
			20	17	23		12	2	
RLKZYM	Yfiler®	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16		
					23		12		
RNUAPY	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
RQBJT6	Yfiler®	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16		
					23		12		
RTJV9L	Yfiler®	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16		
					23		12		
RXDTYX	PowerPlex® Y 23	14	11,14	13	29	23	11	13	14
	4sp	15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
RYWDFE	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
T3Y6B6	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
T3Y7XX	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
T4XYJB	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
T6249Q	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TDJCBU	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
TFJL2X	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	23	12
		13	20	17	23	11	12		
TN3QDW	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TNGDMY	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
TNXZV8	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
TQ26LU	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TUJ2UX	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
TVJD9L	GlobalFiler								
	4sp						11		
								2	
TYGGME	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
U2YXH6	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
U3H9J7	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
U7ZJKF	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
U97VEB	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
UJRZLB	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
UN6QYH	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
UNXTF7	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
UT3ZQV	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12	2	
UU3P2R	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
V2F2GC	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
V3BKHD	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
V3NJNZ	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
V437ZN	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
V6EUFT	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
V7EEFM	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
VM4DRF	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
VNP6FD	Yfiler® Plus, GlobalFiler								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
VTTHP	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
W8NN4D	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WE8XFG	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WEKGDT	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
WG3FYU	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
WHMENL	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
WJQBVG	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WPHJF2	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WPWC7Q	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
WQUMZ8	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WW3KVE	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WW9K8F	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
WY7BR8	PowerPlex® Y 23 4sp	14	11	13	29	23	11		14
		15		12	19	15	16		12
		13	20	17			12		
X3GE3M	Yfiler® 4sp			13	29	23	11		14
		15	12		19	15	16		
					23		12		
X4ENV6	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
XB3RF2	Yfiler® Plus 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
XCWHLF	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
XDBMHT	Yfiler® 4sp	14	11,14		29			13	14
		15		12	19	15			
					23		12		
XH24PD	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
XHDZHB	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
								12	
XMD36C	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23			12	
XPTAR6	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
XYX9JR	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
Y679QN	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23			12	
Y9VHZP	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
YCHTAL	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23			12	
YGCPYD	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23			12	
YH6F6R	PowerPlex® Y 23 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
YNP2ZL	Yfiler® 4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23			12	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
YPH4GA	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
YT24N3	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
YURGX9	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
YWVLN3	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
YZ7VEB	PowerPlex® Y, Fusion								
	4sp						11		
Z644MY	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
Z9PT8C	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZBUGNM	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		
ZBV2LN	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZC82JH	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
ZFYDUF	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZGXTF7	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZHM8YP	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZKJVZ7	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZKW84W	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12		
ZNDY76	Yfiler®								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16		
					23		12		
ZXRRU9	Yfiler® Plus								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
			20	17	23		12	2	
ZZTTWQ	PowerPlex® Y 23								
	4sp	14	11,14	13	29	23	11	13	14
		15	12	12	19	15	16	22	12
		13	20	17	23	11	12		

Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp
D6S1043	3YRP4R	15,17	11,13	15,17		12,15,17,19	12,[15],19
	479LKL	15,17	11,13	15,17		12,15,17,19	12,19
	8Q6H9H	15,17	11,13	15,17		12,15,17,19	12,19
	BFXM3H	15,17	11,13	15,17	12,15,17,19		
	E2Z6EE	15,17	11,13	15,17		[12],15,17,[19]	12,19
	HUATTA	15,17	11,13	15,17		12,15,17,19	12,[15],[17],19
	P7ZVC4	15,17	11,13	15,17		12,15,17,19	12,19
	QBA9U2	15,17	11,13	15,17		[12],15,17,[19]	12,19
	QEJ2P2	15,17	11,13	15,17		12,15,17,19	12,19
	UCFCAT	15,17	11,13	15,17	15,17,[12],[19]		
	XDBMHT	15,17	11,13	15,17		12,15,17,19	12,19
DXS10074	4NGTD2	8,13	17	8,13			
DXS10079	4NGTD2	19	21	19			
DXS10101	4NGTD2	30.2,32	30.2	30.2,32			
DXS10103	4NGTD2	19,20	18	19,20			
DXS10134	4NGTD2	37,39.3	42.3	37,39.3			
DXS10135	4NGTD2	22,30	26	22,30			
DXS10146	4NGTD2	29,39.2	40.2	29,39.2			
DXS10148	4NGTD2	19,28.1	26.1	19,28.1			
DXS7132	4NGTD2	12,14	14	12,14			
DXS7423	4NGTD2	14,15	16	14,15			
DXS8378	4NGTD2	11,12	10	11,12			
DYF387S1	38MNVZ		35,38			35,36	35,36
	4TZR63		35,38			35,36	35,36
	6J9TQ3		35,38			35,36	35,36
	6K4CT4		35,38			35,36	35,36
	6UUWX2		35,38			35,36	35,36
	7KYEWX		35,38			35,36	35,36
	7LUWYZ		35,38			35,36	35,36
	89LMWV		35,38			35,36	35,36
	8CJVDY		35,38			35,36	35,36
	8KTJQX		35,38			35,36	35,36
	CQTACQ		35,38			35,36	35,36
	CWDBR4		35,38			35,36	35,36
	D8BKMR		35,38			35,36	35,36

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp	
DYF387S1 cont'd	DVUZ4V		35,38			35,36	35,36	
	E927TM		35,38			35,36	35,36	
	EJY77R		35,38			35,36	35,36	
	FJTBZQ		35,38			35,36	35,36	
	FK8RKJ		35,38			35,36	35,36	
	GED2MM		35,38			35,36	35,36	
	GY4CAL		35,38			35,36	35,36	
	H7H93Z		35,38			35,36	35,36	
	HLAHCJ		35,38			35,36	35,36	
	JYFV8P		35,38			35,36	35,36	
	LR8W2G		35,38			35,36	35,36	
	M72X3G		35,38			35,36	35,36	
	MA6TLJ		35,38			35,36	35,36	
	MZYL8K		35,38			35,36	35,36	
	N6PH9F		35,38			35,36	35,36	
	N7K2BG		35,38			35,36	35,36	
	NRYL8H		35,38			35,36	35,36	
	PKW6ZA		35,38			35,36	35,36	
	QBA9U2		35,38			35,36	35,36	
	QLMGAE		35,38			35,36	35,36	
	RDR2XF		35,38			35,36	35,36	
	RKQAT9		35,38			35,36	35,36	
	U97VEB		35,38			35,36	35,36	
	UJRZLB		35,38			35,36	35,36	
	UNDJE6		35,38			35,36		
	XB3RF2		35,38				35,36	35,36
	YPH4GA		35,38				35,36	35,36
	YURGX9		35,38				35,36	35,36
	ZC82JH		35,38				35,36	35,36
	ZKW84W		35,38				35,36	35,36
	ZXRRU9		35,38				35,36	35,36
	DYS391	2EMZ6C		11			11	11
3EPZQX			11			11	11	
4EJ6KW			11			11	11	
4M9DQ9			11					
6BFFV9			11			11	11	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp
DYS391 cont'd	73FHKB		11			[11]	11
	768CKZ		11				
	7HWBB4		11			11	11
	8C4MCB		11			11	11
	8REFW8		11			11	11
	BAK2UC		11			11	11
	BQCYV7		11			11	11
	BVPFRP		11			11	11
	C72DN6		11				11
	CJEEW9					11	
	CLB327		11			11	11
	CNCXUZ		11			11	11
	CTD3MT		11			11	11
	DH7UXU		11			11	11
	FZHEK2		11			11	11
	G2ANGN		11			11	11
	GJNKJM		11			11	11
	GLGXJ7		11			11	11
	H7UNVU		11			11	11
	JQYNK7		11		11		
	JW3R9J		11			11	11
	JZKJBT		11			11	11
	K6E7TZ		11			11	11
	KARHTU		11				
	KZW9XH		11			11	11
	LQ42W6		11		11		
	MFREVR		11			11	11
	NQPYBP		11			11	11
	NXRYWC		11			11	11
	NZKFWC		11			[11]	11
	PRPZKD		11			11	11
	PRRPQV		11			11	
	PVEQ64		11				11
	PZ4B3R		11			11	11
	R2YD7M		11			11	11
	RJ6J69		11			[11]	11

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp
DYS391 cont'd	RLHHQQ		11				
	RRNBKL		11			11	11
	UXLK6J		11			11	11
	VUTBUG		11			11	11
	VX6NCK		11			11	11
	WHMENL		11			11	11
	WXEEFK		11			[11]	11
	WYL6EF		11			11	11
	XDLTC9		11			11	
	XMBJWF		11			11	11
	XPTAR6		11			11	11
	YEWVY8		11			[11]	11
	ZAZJKM		11			11	11
	ZZTTWQ		11				
	DYS449	38MNVZ		29			29
4TZR63			29			29	29
6J9TQ3			29			29	29
6K4CT4			29			29	29
6UUWX2			29			29	29
7KYEWX			29			29	29
7LUWYZ			29			29	29
89LMWV			29			29	29
8CJVDY			29			29	29
8KTJQX			29			29	29
CQTACQ			29			29	29
CWDBR4			29			29	29
D8BKMR			29			29	29
DVUZ4V			29			29	29
E927TM			29			29	29
EJY77R			29			29	29
FJTBZQ			29			29	29
FK8RKJ			29			29	29
GED2MM			29			29	29
GY4CAL			29			29	29
H7H93Z		29			29	29	
HLAHCJ		29			29	29	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp	
DYS449 cont'd	JYFV8P		29			29	29	
	LR8W2G		29			29	29	
	M72X3G		29			29	29	
	MA6TLJ		29			29	29	
	MZYL8K		29			29	29	
	N6PH9F		29			29	29	
	N7K2BG		29			29	29	
	NRYL8H		29			29	29	
	PKW6ZA		29			29	29	
	QBA9U2		29			29	29	
	QLMGAE		29			29	29	
	RDR2XF		29			29	29	
	RKQAT9		29			29	29	
	U97VEB		29			29	29	
	UJRZLB		29			29	29	
	UNDJE6		29			29		
	XB3RF2		29				29	29
	YPH4GA		29				29	29
	YURGX9		29				29	29
	ZC82JH		29				29	29
	ZKW84W		29				29	29
	ZXRRU9		29				29	29
	DYS460	38MNVZ		11			11	11
		4TZR63		11			11	11
6J9TQ3			11			11	11	
6K4CT4			11			11	11	
6UUWX2			11			11	11	
7KYEWX			11			11	11	
7LUWYZ			11			11	11	
89LMWV			11			11	11	
8CJVDY			11			11	11	
8KTJQX			11			11	11	
CQTACQ			11			11	11	
CWDBR4			11			11	11	
D8BKMR			11			11	11	
DVUZ4V			11			11	11	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp	
DYS460 cont'd	E927TM		11			11	11	
	EJY77R		11			11	11	
	FJTBZQ		11			11	11	
	FK8RKJ		11			11	11	
	GED2MM		11			11	11	
	GY4CAL		11			11	11	
	H7H93Z		11			11	11	
	HLAHCJ		11			11	11	
	JYFV8P		11			11	11	
	LR8W2G		11			11	11	
	M72X3G		11			11	11	
	MA6TLJ		11			11	11	
	MZYL8K		11			11	11	
	N6PH9F		11			11	11	
	N7K2BG		11			11	11	
	NRYL8H		11			11	11	
	PKW6ZA		11			11	11	
	QBA9U2		11			11	11	
	QLMGAE		11			11	11	
	RDR2XF		11			11	11	
	RKQAT9		11			11	11	
	U97VEB		11			11	11	
	UJRZLB		11			11	11	
	UNDJE6		11			11		
	XB3RF2		11			11	11	
	YPH4GA		11			11	11	
	YURGX9		11			11	11	
	ZC82JH		11			11	11	
	ZKW84W		11			11	11	
	ZXRRU9		11			11	11	
	DYS518	38MNVZ		38			38	38
		4TZR63		38			38	38
6J9TQ3			38			38	38	
6K4CT4			38			38	38	
6UUWX2			38			38	38	
7KYEWX			38			38	38	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp
DYS518 cont'd	7LUWYZ		38			38	38
	89LMWV		38			38	38
	8CJVDY		38			38	38
	8KTJQX		38			38	38
	CQTACQ		38			38	38
	CWDBR4		38			38	38
	D8BKMR		38			38	38
	DVUZ4V		38			38	38
	E927TM		38			38	38
	EJY77R		38			38	38
	FJTBZQ		38			38	38
	FK8RKJ		38			38	38
	GED2MM		38			38	38
	GY4CAL		38			38	38
	H7H93Z		38			38	38
	HLAHCJ		38			38	38
	JYFV8P		38			38	38
	LR8W2G		38			38	38
	M72X3G		38			38	38
	MA6TLJ		38			38	38
	MZYL8K		38			38	38
	N6PH9F		38			38	38
	N7K2BG		38			38	38
	NRYL8H		38			38	38
	PKW6ZA		38			38	38
	QBA9U2		38			38	38
	QLMGAE		38			38	38
	RDR2XF		38			38	38
	RKQAT9		38			38	38
	U97VEB		38			38	38
	UJRZLB		38			38	38
	UNDJE6		38			38	
	XB3RF2		38			38	38
YPH4GA		38			38	38	
YURGX9		38			38	38	
ZC82JH		38			38	38	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp
DYS518 cont'd	ZKW84W		38			38	38
	ZXRRU9		38			38	38
DYS570	KARHTU		18				
DYS576	KARHTU		18				
DYS627	38MNVZ		21			21	21
	4TZR63		21			21	21
	6J9TQ3		21			21	21
	6K4CT4		21			21	21
	6UUWX2		21			21	21
	7KYEWX		21			21	21
	7LUWYZ		21			21	21
	89LMWV		21			21	21
	8CJVDY		21			21	21
	8KTJQX		21			21	21
	CQTACQ		21			21	21
	CWDBR4		21			21	21
	D8BKMR		21			21	21
	DVUZ4V		21			21	21
	E927TM		21			21	21
	EJY77R		21			21	21
	FJTBZQ		21			21	21
	FK8RKJ		21			21	21
	GED2MM		21			21	21
	GY4CAL		21			21	21
	H7H93Z		21			21	21
	HLAHCJ		21			21	21
	JYFV8P		21			21	21
LR8W2G		21			21	21	
M72X3G		21			21	21	
MA6TLJ		21			21	21	
MZYL8K		21			21	21	
N6PH9F		21			21	21	
N7K2BG		21			21	21	
NRYL8H		21			21	21	
PKW6ZA		21			21	21	
QBA9U2		21			21	21	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4	Item 4e	Item 4sp
DYS627 cont'd	QLMGAE		21			21	21
	RDR2XF		21			21	21
	RKQAT9		21			21	21
	U97VEB		21			21	21
	UJRZLB		21			21	21
	UNDJE6		21			21	
	XB3RF2		21			21	21
	YPH4GA		21			21	21
	YURGX9		21			21	21
	ZC82JH		21			21	21
	ZKW84W		21			21	21
	ZXRRU9		21			21	21
	HPRTB	4NGTD2	11	9	11		
Yindel	768CKZ		2				
	8C4MCB		2			2	2
	BAK2UC		2			2	2
	BQCYV7		2			2	2
	GLGXJ7		2			2	2
	NZKFWC		2			[2]	2
	PVEQ64		2			2	2
	RJ6J69		2			[2]	2
	YEWVY8		2			[2]	2
	ZAZJKM		2			2	2

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16111.0	16129.0	16223.0	16290.0	16319.0	16362.0
ITEM 1						
2EHJU7	T	A	T	T	A	C
4NGTD2	T	A	T	T	A	C
4QTRM3	T	A	T	T	A	C
4YKFEQ	T	A	T	T	A	C
BCR9BH	T	A	T	T	A	C
CMNWFK	T	A	T	T	A	C
FD932U	T	A	T	T	A	C
G7W3LA	T	A	T	T	A	C
G9NJXP	T	A	T	T	A	C
HT8DBA	T	A	T	T	A	C
KZGBJK	T	A	T	T	A	C
L9QHZ2	T	A	T	T	A	C
LHTZB4	T	A	T	T	A	C
QACXYY	T	A	T	T	A	C
QZ8Z64	T	A	T	T	A	C
RDF9MX	T	A	T	T	A	C
UCFCAT	T	A	T	T	A	C
V2F2GC	T	A	T	T	A	C
WUHNAA	T	A	T	T	A	C
WY7BR8	T	A	T	T	A	C

Mitochondrial DNA - HVRI Results

TABLE 5b - ITEM 2

Polymorphisms from Reference Sequence

16519.0	
ITEM 2	
G9NJXP	C
L9QHZ2	C
QZ8Z64	C
UCFCAT	C

Mitochondrial DNA - HVRI Results

TABLE 5c - ITEM 3

Polymorphisms from Reference Sequence

	16111.0	16129.0	16223.0	16290.0	16319.0	16362.0
ITEM 3						
2EHJU7	T	A	T	T	A	C
4NGTD2	T	A	T	T	A	C
4QTRM3	T	A	T	T	A	C
4YKFEQ	T	A	T	T	A	C
BCR9BH	T	A	T	T	A	C
CMNWFK	T	A	T	T	A	C
FD932U	T	A	T	T	A	C
G7W3LA	T	A	T	T	A	C
G9NJXP	T	A	T	T	A	C
HT8DBA	T	A	T	T	A	C
KZGBJK	T	A	T	T	A	C
L9QHZ2	T	A	T	T	A	C
LHTZB4	T	A	T	T	A	C
QACXYY	T	A	T	T	A	C
QZ8Z64	T	A	T	T	A	C
RDF9MX	T	A	T	T	A	C
UCFCAT	T	A	T	T	A	C
V2F2GC	T	A	T	T	A	C
WUHNAA	T	A	T	T	A	C

Mitochondrial DNA - HVRI Results

TABLE 5d - ITEM 4

Polymorphisms from Anderson Reference

	16111.0	16129.0	16223.0	16290.0	16319.0	16335.0	16362.0	16526.0
ITEM 4								
2EHJU7	T	A	T	T	A		C	
FD932U	T	A	T	T	A		C	
G7W3LA	T	A	T	T	A		C	
G9NJXP	T	A	T	T	A	R	C	R
KZGBJK	T	A	T	T	A	G	C	
LHTZB4	T	N	T	T	A	N	C	
RDF9MX	T	A	T	T	A		C	N
UCFCAT	T	A	T	T	A		C	
V2F2GC	T	A	T	T	A		C	

Mitochondrial DNA - HVRI Results

TABLE 5e

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2EHJU7	16021-16400	16021 - 16400	16021 - 16400	16021 - 16380
4NGTD2	16020-16370	16020-16370	16020-16370	
4QTRM3	15998-16390	15998-16390	15998-16390	
4YKFEQ	15994-16400	15994-16400	15994-16400	
8YN26A				
BCR9BH	16024-16385	16024-16387	16024-16385	
CMNWFK	16024-16387	16024-16387	16024-16387	
FD932U	15998-16384	15998-16384	15998-16384	15998-16384
G7W3LA	16024-16391	16024-16391	16024-16391	16024-16391
G9NJXP	16024-576	16024-576	16024-576	16024-576
HT8DBA	15994-16400	15994-16400	15994-16400	
KZGBJK	16024-16365	16024-16365	16024-16365	16024-16365
L9QHZ2	16024-16569	16024-16569	16024-16569	Inconclusive
LHTZB4	16024-16391	16024-16391	16024-16391	16024-16391
QACXYX	16024-16436	16024-16439	16024-16438	
QZ8Z64	16024-16569	16024-16569	16024-16388	
RDF9MX	16024-16569	16024-16391	16024-16561	16024-16561
UCFCAT	16017-16569	16019-16569	16020-16569	16018-16569
V2F2GC	16024-16365	16024-16365	16024-16365	16024-16365
WUHNAA	15998-16390	15998-16390	15998-16390	
WY7BR8	16024-16365	16024-16365		

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	64.0	73.0	146.0	153.0	235.0	263.0	309.1	309.2	315.1	523.0	524.0
ITEM 1											
2EHJU7		G	C	G	G	G	C	C	C		
4NGTD2	T	G	C	G	G	G		C	C		
4QTRM3	T	G	C	G	G	G	C	C	C		
4YKFEQ	T	G	C	G	G	G	C	C	C		
BCR9BH	T	G	C	G	G	G	C	C	C		
CMNWFK	T	G	C	G	G	G	C	C	C		
FD932U	T	G	C	G	G	G	C	C	C		
G7W3LA	T	G	C	G	G	G	C INS	C INS	C INS		
G9NJXP	T	G	C	G	G	G	C	C	C	D	D
HT8DBA	T	G	C	G	G	G	C	C	C		
KZGBJK		G	C	G	G	G	C	C	C	D	D
L9QHZ2	T	G	C	G	G	G	C INS	C INS	C INS	-	-
LHTZB4	T	G	C	G	G	G	C INS	C INS	C INS		
QACXYY	T	G	C	G	G	G	C	C	C		
QZ8Z64	T	G	C	G	G	G	C	C	C	D	D
RDF9MX	T	G	C	G	G	G	C INS	C INS	C INS	-	-
UCFCAT	T	G	C	G	G	G	C	C	C		
V2F2GC	T	G	C	G	G	G	C	C	C		
WUHNAA	T	G	C	G	G	G	C	C	C		
WY7BR8		G	C	G	G	G	C	C	C		

Mitochondrial DNA - HVRII Results

TABLE 6b - ITEM 2

Polymorphisms from Reference Sequence

	263.0	309.1	315.1
ITEM 2			
2EHJU7	G	C	C
4NGTD2	G	C	C
4QTRM3	G	C	C
4YKFEQ	G	C	C
BCR9BH	G	C	C
CMNWFK	G	C	C
FD932U	G	C	C
G7W3LA	G	C INS	C INS
G9NJXP	G	C	C
HT8DBA	G	C	C
KZGBJK	G	C	C
L9QHZ2	G	C INS	C INS
LHTZB4	G	C INS	C INS
QACXYY	G	C	C
QZ8Z64	G	C	C
RDF9MX	G	C INS	C INS
UCFCAT	G	C	C
V2F2GC	G	C	C
WUHNAA	G	C	C
WY7BR8	G	C	C

Mitochondrial DNA - HVRII Results

TABLE 6c - ITEM 3

Polymorphisms from Reference Sequence

	45.0	46.0	64.0	73.0	146.0	153.0	235.0	263.0	309.1	309.2	315.1	523.0	524.0
ITEM 3													
2EHJU7				G	C	G	G	G	C	C	C		
4NGTD2			T	G	C	G	G	G		C	C		
4QTRM3			T	G	C	G	G	G	C	C	C		
4YKFEQ			T	G	C	G	G	G	C	C	C		
BCR9BH			T	G	C	G	G	G	C	C	C		
CMNWFK			T	G	C	G	G	G	C	C	C		
FD932U			T	G	C	G	G	G	C	C	C		
G7W3LA			T	G	C	G	G	G	C INS	C INS	C INS		
G9NJXP			T	G	C	G	G	G	C	C	C	D	D
HT8DBA			T	G	C	G	G	G	C	C	C		
KZGBJK				G	C	G	G	G	C	C	C	D	D
L9QHZ2			T	G	C	G	G	G	C INS	C INS	C INS	-	-
LHTZB4			T	G	C	G	G	G	C INS	C INS	C INS		
QACXYY			T	G	C	G	G	G	C	C	C		
QZ8Z64			T	G	C	G	G	G	C	C	C		
RDF9MX	N	N	T	G	C	G	G	G	C INS	C INS	C INS	-	-
UCFCAT			T	G	C	G	G	G	C	C	C		
V2F2GC			T	G	C	G	G	G	C	C	C		
WUHNAA			T	G	C	G	G	G	C	C	C		

Mitochondrial DNA - HVRII Results

TABLE 6d - ITEM 4

Polymorphisms from Anderson Reference

	41.0	51.0	64.0	73.0	79.0	146.0	153.0	185.0	235.0	263.0	309.1	309.2	315.1	421.0	449.0	523.0	524.0
ITEM 4																	
2EHJU7				G		C	G		G	G	C	C	C				
8YN26A										G	N		C				
FD932U			T	G		C	G		G	G	C	C	C				
G7W3LA			T	G		C	G	R	G	G	C INS	N INS	C INS		N		
G9NJXP			T	G		C	G		G	G	C	C	C			D	D
KZGBJK				G		C	G		G	G	C	C	C			D	D
LHTZB4		N	T	G		C	G	N	G	G	C INS	N INS	C INS				
RDF9MX	N	N	T	G	N	C	G	N	G	G	C INS	C INS	C INS	N		-	-
UCFCAT			T	G		C	G		G	G	C	C	C				
V2F2GC			T	G		C	G		G	G	C	C	C				

Mitochondrial DNA - HVR II Results

TABLE 6e

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2EHJU7	66-390	66-390	66-390	66-380
4NGTD2	60-350	60 - 350	60 - 350	
4QTRM3	49-402	49-402	49-402	
4YKFEQ	35-409	35-409	35-409	
8YN26A				
BCR9BH	42-365	64-368	42-365	
CMNWFK	39-365	40-365	41-368	
FD932U	49-378	49-378	49-378	49-378
G7W3LA	39-463	35-464	39-463	39-464
G9NJXP	16024-576	16024-576	16024-576	16024-576
HT8DBA	35-409	35-409	35-409	
KZGBJK	73-340,438-574	73-340,438-574	73-340,438-574	73-340,438-574
L9QHZ2	1-576	1-576	1-576	Inconclusive
LHTZB4	39-454	39-464	39-464	39-464
QACXYI	50-365	65-387	50-365	
QZ8Z64	1-565	1-565	42-368	
RDF9MX	1-576	35-464	39-548	39-548
UCFCAT	1-400	1-400	1-400	1-400
V2F2GC	73-340	73-340	73-340	73-340
WUHNAA	49-402	49-402	49-402	
WY7BR8	73-340	73-340		

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
223HBM	Yes	Yes	No	No	3PKZFV	Yes	Yes	No	No
23QUWL	Yes	Yes	No	No	3W9MBZ	Yes	Yes	No	No
23XZCN	Yes	Yes	No	No	3YRP4R	Yes	Yes	No	No
2422BT	Yes	Yes	No	No	3ZG48H	Yes	Yes	No	No
2BJ3GC	Yes	Yes	No	No	43A8YG	Yes	Yes	No	No
2BNLHL	Yes	Yes	No	No	43LNJ2	Yes	Yes	No	No
2C6HAL	Yes	Yes	No	No	43QJE2	Yes	Yes	No	No
2EHJU7	Yes	Yes	No	No	47396G	Yes	Yes	No	No
2EMZ6C	Yes	Yes	No	No	479LKL	Yes	Yes	No	No
2FUFYB	Yes	Yes	No	No	47AHUG	Yes	Yes	No	No
2KV2NU	Yes	Yes	No	No	48DXKM	Yes	Yes	No	No
2NVCH9	Yes	Yes	No	No	48XYMC	Yes	Yes	No	No
2QQZ7M	Yes	Yes	No	No	4CPYPQ	Yes	Yes	No	No
2VRZPR	Yes	Yes	No	No	4EJ6KW	Yes	Yes	No	No
2XHB9E	Yes	Yes	No	No	4FT23U	Yes	Yes	No	No
2YGFRU	Yes	Yes	No	No	4JNTWK	Yes	Yes	No	No
2Z4KXY	Yes	Yes	No	No	4KBC46	Yes	Yes	No	No
2ZQHDT	Yes	Yes	No	No	4KMXT7	Yes	Yes	No	No
38MNVZ	Yes	Yes	No	No	4M9DQ9				
3B8HW8	Yes	Yes	No	No	4MC82M	Yes	Yes	No	No
3E4D69	Yes	Yes	No	No	4NGTD2	Yes	Yes	No	No
3E7UR8	Yes	Yes	No	No	4Q6WWD	Yes	Yes	No	No
3EPZQX	Yes	Yes	No	No	4QTRM3	Yes	Yes	No	No
3J3KXJ	Yes	Yes	No	No	4TEE3H	Yes	Yes	No	No
3JQVWH	Yes	Yes	No	No	4TZR63	Yes	Yes	No	No
3M7V36	Yes	Yes	No	No	4U672M	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
4UNW9L	Yes	Yes	No	No	6YELBB	Yes	Yes	No	No
4XXM2B	Yes	Yes	No	No	73FHKB	Yes	Yes	No	No
4YKFEQ	Yes	Yes	No	No	768CKZ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4YR8J2	Yes	Yes	No	No	76DRZX	Yes	Yes	No	No
63M9BH	Yes	Yes	No	No	78UAUC	Yes	Yes	No	No
63XBJA	Yes	Inc	No	Inc	7DVZPU	Yes	Yes	No	No
67MGET	Yes	Yes	No	No	7GRRV7	Yes	Yes	No	No
67WLEA	Yes		No		7HG39U	Yes	Yes	No	No
68Y8R3	Yes	Yes	No	No	7HWBB4	Yes	Yes	No	No
69R977	Yes	Yes	No	No	7KYEWX	Yes	Yes	No	No
6BFFV9	Yes	Yes	No	No	7L9MN6	Yes	Yes	No	No
6BTDLL	Yes	Yes	No	No	7LUWYZ	Yes	Yes	No	No
6DLUM9	Yes	Yes	No	No	7NCRBJ	Yes	Yes	No	No
6J9TQ3	Yes	Yes	No	No	7PPRKF	Yes	Yes	No	No
6K4CT4	Yes	Yes	No	No	7PWX2H	Yes	Yes	No	No
6KCLKJ	Yes	Yes	No	No	7TVAWH	Yes	Yes	No	No
6KM99A	Yes	Yes	No	No	7UPZ3W	Yes	Yes	No	No
6LFBPX	Yes	Yes	No	No	7W44MZ	Yes	Yes	No	No
6M2TUC	Yes	Yes	No	No	7WRZ3T	Yes	Yes	No	No
6NB3H3	Yes	Yes	No	No	7Y3T79	Yes	Yes	No	No
6NDTQ7	Yes	Yes	No	No	7ZXA6	Yes	Yes	No	No
6QT336	Yes	Yes	No	No	87882G	Yes	Yes	No	No
6UUWX2	Yes	Yes	No	No	88Q4VU	Yes	Yes	No	No
6V3662	Yes	Yes	No	No	89LMWV	Yes	Yes	No	No
6WCNZJ	Yes	Yes	No	No	8APA72	Yes	Yes	No	No
6X9LKJ	Yes	Yes	No	No	8C4MCB	Yes	Yes	No	No
6XD3HH	Yes	Yes	No	No	8CJVDY	Yes	Yes	No	No
6XREDG	Yes	Yes	No	No	8CME3M	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
8DAG9A	Yes	Yes	No	No	A6PX2E	Yes	Yes	No	No
8DY6EC	Yes	Yes	No	No	A778DE	Yes	Yes	No	No
8FDHJK	Yes	Yes	No	No	A9NEE9	Yes	Yes	No	No
8KTJQX	Yes	Yes	No	No	ABU7FF	Yes	Yes	No	No
8NVKTF	Yes	Yes	No	No	ADMMPF	Yes	Yes	No	No
8Q6H9H	Yes	Yes	No	No	ADPAKG	Yes	Yes	No	No
8QE6CG	Yes	Yes	No	No	AHWBB6	Yes	Yes	No	No
8REFW8	Yes	Yes	No	No	AJAEAB	Yes	Yes	No	No
8YN26A	Yes	Yes	No	No	AJDT4Y	Yes	Yes	No	No
8YXTJD	Yes	Yes	No	No	AKPJ43	Yes	Yes	No	No
8YZHPV	Yes	Yes	No	No	AN698C	Yes	Yes	No	No
8ZZAJG	Yes	Yes	No	No	APXYDQ	Yes	Yes	No	No
93RYQN	Yes	Yes	No	No	AQF2AR	Yes	Yes	No	No
94ZCVJ	Yes	Yes	No	No	AQTLTB	Yes	Yes	No	No
98H28L	Yes	Yes	No	No	AYQDEC	Yes	Yes	No	No
98LTQB	Yes	Yes	No	No	AYUNJV	Yes	Yes	No	No
99GCRC	Yes	Yes	No	No	AYWXKY	Yes	Yes	No	No
99PGER	Yes	Yes	No	No	B3U8HY	Yes	Yes	No	No
9GHPZH	Yes	Yes	No	No	B8P2FZ	Yes	Yes	No	No
9KLT2Z					BAK2UC	Yes	Yes	No	No
9M2YX4	Yes	Yes	No	No	BCR9BH	Yes		No	
9MKQWF	Yes	Yes	No	No	BDDBF6	Yes	Yes	No	No
9Q9B6G	Yes	Yes	No	No	BFXM3H	Yes	Yes	No	No
9VQK42	Yes	Yes	No	No	BG3J2R	Yes	Yes	No	No
9Y94PG	Yes	Yes	No	No	BGKFGX	Yes	Yes	No	No
9YF3AT	Yes	Yes	No	No	BHGWRA	Yes	Yes	No	No
9YV8KC	Yes	Yes	No	No	BMLFFU	Yes	Yes	No	No
A4HH8F	Yes	Yes	No	No	BNUVZ2	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BQCNEH	Yes	Yes	No	No	CWDBR4	Yes	Yes	No	No
BQCYV7	Yes	Yes	No	No	CYY6KX	Yes	Yes	No	No
BV8TT8	Yes	Yes	No	No	D2GNXZ	Yes	Yes	No	No
BVEVFE	Yes	Yes	No	No	D2WAUV	Yes	Yes	No	No
BVL2VG	Yes	Yes	No	No	D4GMNC	Yes	Yes	No	No
BVPFRP	Yes	Yes	No	No	D8BKMR	Yes	Yes	No	No
BVUGPF	Yes	Yes	No	No	D8FXKC	Yes	Yes	No	No
BYPQMP	Yes	Yes	No	No	D9H3LM	Yes	Yes	No	No
C72DN6	Yes	Yes	No	No	D9PZ6Y	Yes	Yes	No	No
C8QKUA	No Interpretations Reported, DNA Analyzed for Database purposes only.				DDPY4U	Yes	Yes	No	No
CAPN8U	Yes	Yes	No	No	DDQJH6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CAU9XJ	Yes	Yes	No	No	DH7UXU	Yes	Yes	No	No
CB4KQ2	Yes	Yes	No	No	DK7UJP	Yes	Yes	No	No
CGWL6M	Yes	Yes	No	No	DKNQ4C	Yes	Yes	No	No
CH8WXC	Yes	Yes	No	No	DMBVRW	Yes	Yes	No	No
CHT68N	Yes	Yes	No	No	DPTG67	Yes	Yes	No	No
CJEEW9	Yes	Yes	No	No	DTQ3T3	Yes	Yes	No	No
CLB327	Yes	Yes	No	No	DVT4HD	Yes	Yes	No	No
CLU6A7	Yes	Yes	No	No	DVUZ4V	Yes	Yes	No	No
CMJF4F	Yes	Yes	No	No	DZ2RTU	Yes	Yes	No	No
CMNWFK	Yes	Yes	No	No	E2Z6EE	Yes	Yes	No	No
CNCXUZ	Yes	Yes	No	No	E3Q82U	Yes	Yes	No	No
CPKF7X	Yes	Yes	No	No	E927TM	Yes	Yes	No	No
CPXRAP	Yes	Yes	No	No	ECXUAU	Yes	Yes	No	No
CQPY88	Yes	Yes	No	No	EEH8NJ	Yes	Yes	No	No
CQTACQ	Yes	Yes	No	No	EFXZT8	Yes	Yes	No	No
CTD3MT	Yes	Yes	No	No	EGRQYL	Yes	Yes	No	No
CUBAR7	Yes	Yes	No	No	EGTG74				

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
EJBE68	Yes	Yes	No	No	G38YCQ	Yes	Yes	No	No
EJX74	Yes	Yes	No	No	G4M9NN	Yes	Yes	No	No
EJY77R	Yes	Yes	No	No	G4PXU7	Yes	Yes	No	No
ELXKFA	Yes	Yes	No	No	G4TPZN	Yes	Yes	No	No
ETFJXM	Yes	Yes	No	No	G6HQPP	Yes	Yes	No	No
ETL8L2	Yes	Yes	No	No	G7W3LA	Yes	Yes	No	No
EWXGR6	Yes	Yes	No	No	G9H3J4	Yes	Yes	No	No
EZ9TW9	Yes	Yes	No	No	G9NJXP	Yes	Yes	No	No
EZXRLK	Yes	Yes	No	No	G9QBZR	Yes	Yes	No	No
F42EXV	Yes	Yes	No	No	GAKWV4	Yes	Yes	No	No
FB74RM	Yes	Yes	No	No	GAPAPR	Yes	Yes	No	No
FCWCP6	Yes	Yes	No	No	GCB9K	Yes	Yes	No	No
FD932U	Yes	Yes	No	No	GED2MM	Yes	Yes	No	No
FDGW98	Yes	Yes	No	No	GF9MFD	Yes	Yes	No	No
FEE82N	Yes	Yes	No	No	GJ37VA	Yes	Yes	No	No
FFB6NB	Yes	Yes	No	No	GJNKJM	Yes	Yes	No	No
FGYQUT	Yes	Yes	No	No	GKKMEQ	Yes	Yes	No	No
FJTBZQ	Yes	Yes	No	No	GLGXJ7	Yes	Yes	No	No
FK8RKJ	Yes	Yes	No	No	GMBJCW	Yes	Yes	No	No
FL3ALK	Yes	Yes	No	No	GMQ7LY	Yes	Yes	No	No
FM7HE6	Yes	Yes	No	No	GQ4HR8	Yes	Yes	No	No
FT74UV	Yes	Yes	No	No	GRE7PL	Yes	Yes	No	No
FVRVRJ	Yes	Yes	No	No	GU6XNH	Yes	Yes	No	No
FWLLXX	Yes	Yes	No	No	GULNNG	Yes	Yes	No	No
FZHEK2	Yes	Yes	No	No	GY4CAL	Yes	Yes	No	No
G28EAC	Yes	Yes	No	No	H2TRNN	Yes	Yes	No	No
G2ANGN	Yes	Yes	No	No	H37F47	Yes	Yes	No	No
G34EL3	Yes	Yes	No	No	H7H93Z	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
H7UNVU	Yes	Yes	No	No	JDR7WW	Yes	Yes	No	No
HB8QJB	Yes	Yes	No	No	JEQCFC	Yes	Yes	No	No
HC9L23	Yes	Yes	No	No	JFYJKQ	Yes	Yes	No	No
HE667Z	Yes	Yes	No	No	JGCM6W	Yes	Yes	No	No
HEF4ZX	Yes	Yes	No	No	JHZQK4	Yes	Yes	No	No
HETVN9	Yes	Yes	No	No	JKYVGQ	Yes	Yes	No	No
HFJCRH	Yes	Yes	No	No	JLY48T	Yes	Yes	No	No
HJGMC4	No Interpretations Reported, DNA Analyzed for Database purposes only.				JNRZU3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HLAHCJ	Yes	Yes	No	No	JPPA2Q	Yes	Yes	No	No
HMZHFV	Yes	Yes	No	No	JQWXEN	Yes	Yes	No	No
HPVZWP	Yes	Yes	No	No	JQYNK7	Yes	Yes	No	No
HRK946	Yes	Yes	No	No	JR74UX	Yes	Yes	No	No
HRRPX4	No Interpretations Reported, DNA Analyzed for Database purposes only.				JRQBQ3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HT8DBA	Yes	Yes	No	No	JW3R9J	Yes	Yes	No	No
HTBHZR	Yes	Yes	No	No	JW6GF2	Yes	Yes	No	No
HUATTA	Yes	Yes	No	No	JXMTQ2	Yes	Yes	No	No
HXWKJP	Yes	Yes	No	No	JXPHWJ	Yes	Yes	No	No
HZUXH4	Yes	Yes	No	No	JYFV8P	Yes	Yes	No	No
HZVJF6	Yes	Yes	No	No	JZKJBT	Yes	Yes	No	No
J2F3CU	Yes	Yes	No	No	K2EUWZ	Yes	Yes	No	No
J4H6XP	Yes	Yes	No	No	K4LJNW	Yes	Yes	No	No
J6FAUB	Yes	Yes	No	No	K6E7TZ	Yes	Yes	No	No
J7HT39	Yes	Yes	No	No	K6H6BW	Yes	Yes	No	No
J7NVFJ	Yes	Yes	No	No	K6YD3C	Yes	Yes	No	No
JCP73R	Yes	Yes	No	No	KARHTU	Yes	Yes	No	No
JDEQRV	Yes	Yes	No	No	KDRTPU	Yes	Yes	No	No
JDQC36	Yes	Yes	No	No	KG43RD	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KG7RYV	Yes	Yes	No	No	LZBRHF	Yes	Yes	No	No
KM7BWK	Yes	Yes	No	No	M26CWL	Yes	Yes	No	No
KPJ EVP	Yes	Yes	No	No	M3ZVXM	Yes	Yes	No	No
KPQDGM	Yes	Yes	No	No	M66HFX	Yes	Yes	No	No
KQN4YU	Yes	Yes	No	No	M72X3G	Yes	Yes	No	No
KQXG76	Yes	Yes	No	No	M94WZ3	Yes	Yes	No	No
KWGDHL	Yes	Yes	No	No	MA6TLJ	Yes	Yes	No	No
KZGBJK	Yes	Yes	No	No	MAVKA3	Yes	Yes	No	No
KZW9XH	Yes	Yes	No	No	MBP73U	Yes	Yes	No	No
L6RP2J	Yes	Yes	No	No	MBXG8Z	Yes	Yes	No	No
L6THVB	Yes	Yes	No	No	ME97E4	Yes	Yes	No	No
L9QH22	Yes	Inc	No	No	ME9TLN	Yes	Yes	No	No
LBCEAC	Yes	Yes	No	No	MF8VQK	Yes	Yes	No	No
LBE6GV	Yes	Yes	No	No	MFMRRB	Yes	Yes	No	No
LEFGMF	Yes	Yes	No	No	MFREVR	Yes	Yes	No	No
LFUW6N	Yes	Yes	No	No	MGHBUC	Yes	Yes	No	No
LFWDEF	Yes	Yes	No	No	MHE7RU	Yes	Yes	No	No
LHDCF4	Yes	Yes	No	No	MJCGPH	Yes	Yes	No	No
LHTZB4	Yes	Yes	No	No	MPXFWH	Yes	Yes	No	No
LJ6PMT	Yes	Yes	No	No	MRZRLJ	Yes	Yes	No	No
LKZ9NU	Yes	Yes	No	No	MTPTCM	Yes	Yes	No	No
LNJ8Z4	Yes	Yes	No	No	MZYL8K	Yes	Yes	No	No
LPDKD4	Yes	Yes	No	No	N2GYXD	Yes	Yes	No	No
LPDQ7C	Yes	Yes	No	No	N2HN6W	Yes	Yes	No	No
LQ42W6	Yes	Yes	No	No	N3TV4H	Yes	Yes	No	No
LR8W2G	Yes	Yes	No	No	N4DWLZ	Yes	Yes	No	No
LVP9PL	Yes	Yes	No	No	N4ELRH	Yes	Yes	No	No
LYLTHJ	Yes	Yes	No	No	N6PH9F	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
N7CQ7B	Yes	Yes	No	No	P86XRY	Yes	Yes	No	No
N7K2BG	Yes	Yes	No	No	P8KPRQ	Yes	Yes	No	No
N7QCFC	Yes	Yes	No	No	PAWEGM	Yes	Yes	No	No
N8QJXR	Yes	Yes	No	No	PBQE6K	Yes	Yes	No	No
NA3CCR	Yes	Yes	No	No	PD9CMW	Yes	Yes	No	No
NAZTYP	Yes	Yes	No	No	PELZ2U	Yes	Yes	No	No
NBDB9M	Yes	Yes	No	No	PEWHMY	Yes	Yes	No	No
NDKHPT	Yes	Yes	No	No	PH8PK8	Yes	Yes	No	No
NE4VNX	Yes	Yes	No	No	PHKPDN	Yes	Yes	No	No
NECPUQ	Yes	Yes	No	No	PKW6ZA	Yes	Yes	No	No
NF2ZKJ	Yes	Yes	No	No	PMU7MC	Yes	Yes	No	No
NHCMHX	Yes	Yes	No	No	PRPZKD	Yes	Yes	No	No
NKNDUM	Yes	Yes	No	No	PRRPQV	Yes	Yes	No	No
NM3QZV	Yes	Yes	No	No	PVEQ64	Yes	Yes	No	No
NNTXYY	Yes	Yes	No	No	PZ4B3R	Yes	Yes	No	No
NQPYBP	Yes	Yes	No	No	Q28W3P	Yes	Yes	No	No
NRYL8H	Yes	Yes	No	No	Q2CD2N	Yes	Yes	No	No
NV3JHB	Yes	Yes	No	No	Q2FCJK	Yes	Yes	No	No
NV934Y	Yes	Yes	No	No	Q6YCRD	Yes	Yes	No	No
NX6HT3	Yes	Yes	No	No	QACXYY	Yes	Inc	No	Inc
NX8Z2Z	Yes	Yes	No	No	QBA9U2	Yes	Yes	No	No
NXRYWC	Yes	Yes	No	No	QE8RXL	Yes	Yes	No	No
NZKFWC	Yes	Yes	No	No	QEAJP2	Yes	Yes	No	No
P23H76	Yes	Yes	No	No	QEDNFG	Yes	Yes	No	No
P3FRJC	Yes	Yes	No	No	QEYPBD	Yes	Yes	No	No
P3L4P8	Yes	Yes	No	No	QEYXTR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
P7LEK8	Yes	Yes	No	No	QHCZBG	Yes	Yes	No	No
P7ZVC4	Yes	Yes	No	No	QJ8HDJ	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
QLMGAE	Yes	Yes	No	No	RRNBKL	Yes	Yes	No	No
QMZZJC	Yes	Yes	No	No	RTJV9L	Yes	Yes	No	No
QNTTEV	Yes	Yes	No	No	RXDTYX	Yes	Yes	No	No
QNVHKD	Yes	Yes	No	No	RYWDFE	Yes	Yes	No	No
QPWX7W	Yes	Yes	No	No	RZYFRK	Yes	Yes	No	No
QUJCAY	Yes	Yes	No	No	T3Y6B6	Yes	Yes	No	No
QXD36N	Yes	Yes	No	No	T3Y7XX	Yes	Yes	No	No
QZ4CMQ	Yes	Yes	No	No	T4XYJB	Yes	Yes	No	No
QZ8Z64	Yes	Yes	No	No	T6249Q	Yes	Yes	No	No
R24VfV	Yes	Yes	No	No	TCMwMC	Yes	Yes	No	No
R2UXTL	Yes	Yes	No	No	TDJCBU	Yes	Yes	No	No
R2YD7M	Yes	Yes	No	No	TEN3ZW	Yes	Yes	No	No
R3JMFL	Yes	Yes	No	No	TFJL2X	Yes	Yes	No	No
R73GGT	Yes	Yes	No	No	TGUMPH	Yes	Yes	No	No
R764BD	Yes	Yes	No	No	TN3QDW	Yes	Yes	No	No
R7H7TY	Yes	Yes	No	No	TNGDMY	Yes	Yes	No	No
R7PP2J	Yes	Yes	No	No	TNXZV8	Yes	Yes	No	No
R82MDF	Yes	Yes	No	No	TQ26LU	Yes	Yes	No	No
RDF9MX	Yes	Yes	No	No	TR26Y2	Yes	Yes	No	No
RDR2XF	Yes	Yes	No	No	TUJ2UX	Yes	Yes	No	No
RFXADR	Yes	Yes	No	No	TVJD9L	Yes	Yes	No	No
RJ6J69	Yes	Yes	No	No	TYGGME	Yes	Yes	No	No
RKQAT9	Yes	Yes	No	No	U2YXH6	Yes	Yes	No	No
RLHHQQ					U3H9J7	Yes	Yes	No	No
RLKZYM	Yes	Yes	No	No	U7ZJKF	Yes	Yes	No	No
RNUAPY	Yes	Yes	No	No	U97VEB	Yes	Yes	No	No
RPF2DW	Yes	Yes	No	No	UBPGUR	Yes	Yes	No	No
RQBJT6	Yes	Yes	No	No	UCFCAT	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
UEV9FY	Yes	Yes	No	No	VUDG3Z	Yes	Yes	No	No
UF9TAU	Yes	Yes	No	No	VUTBUG	Yes	Yes	No	No
UJRZLB	Yes	Yes	No	No	VX6NCK	Yes	Yes	No	No
UN6QYH	Yes	Yes	No	No	VYDZRZ	Yes	Yes	No	No
UNDJE6	Yes	Yes	No	No	VYTTHP	Yes	Yes	No	No
UNF9LM	Yes	Yes	No	No	VZAF4X	Yes	Yes	No	No
UNLULW	Yes	Yes	No	No	VZB4UN	Yes	Yes	No	No
UNXTF7	Yes	Yes	No	No	W8NN4D	Yes	Yes	No	No
URZRQY	Yes	Yes	No	No	WE8XFG	Yes	Yes	No	No
UT3ZQV	Yes	Yes	No	No	WEKGDT	Yes	Yes	No	No
UTM74M	Yes	No	No	No	WFRYYH	Yes	Yes	No	No
UU3P2R	Yes	Yes	No	No	WG3FYU	Yes	Yes	No	No
UWP6EF	Yes	Yes	No	No	WH69PV	Yes	Yes	No	No
UXLK6J	Yes	Yes	No	No	WHMENL	Yes	Yes	No	No
UXLKRC	Yes	Yes	No	No	WJQBVG	Yes	Yes	No	No
V2F2GC	Yes	Yes	No	No	WMA6VN	Yes	Yes	No	No
V3BKHD	Yes	Inc	No	No	WNPWZK	Yes	Yes	No	No
V3NJNZ	Yes	Yes	No	No	WPHJF2	Yes	Yes	No	No
V437ZN	Yes	Yes	No	No	WPWC7Q	Yes	Yes	No	No
V6EUFT	Yes	Yes	No	No	WQGDN8	Yes	Yes	No	No
V7EEFM	Yes	Yes	No	No	WQUMZ8	Yes	Yes	No	No
VBZAYD	Yes	Yes	No	No	WUHNAA	Yes	Yes	No	No
VE8F3R	Yes	Yes	No	No	WW3KVE	Yes	Yes	No	No
VEJXLC	Yes	Yes	No	No	WW9K8F	Yes	Yes	No	No
VLARXP	Yes	Yes	No	No	WXEEFK	Yes	Yes	No	No
VM4DRF	Yes	Yes	No	No	WY7BR8	Yes	Yes	No	No
VNP6FD	Yes	Yes	No	No	WYL6EF	Yes	Yes	No	No
VTQA66	Yes	Yes	No	No	X2MZNP	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
X2U74T	Yes	Yes	No	No	YDYP3L	Yes	Yes	No	No
X3GE3M	Yes	Yes	No	No	YEWVY8	Yes	Yes	No	No
X4ENV6	Yes	Yes	No	No	YGCPYD	Yes	Yes	No	No
X7PZ2U	Yes	Yes	No	No	YH6F6R	Yes	Yes	No	No
X942WT	Yes	Yes	No	No	YNP2ZL	Yes	Yes	No	No
XAP974	Yes	Yes	No	No	YP2VFL	Yes	Yes	No	No
XB3RF2	Yes	Yes	No	No	YPH4GA	Yes	Yes	No	No
XBWXJ2	Yes	Yes	No	No	YRX4AM	Yes	Yes	No	No
XBYMQJ	Yes	Yes	No	No	YT24N3	Yes	Yes	No	No
XBZYJE	Yes	Yes	No	No	YURGX9	Yes	Yes	No	No
XCWHLF	Yes	Yes	No	No	YWVLN3	Yes	Yes	No	No
XDBMHT	Yes	Yes	No	No	YZ7VEB	Yes	Yes	No	No
XD LTC9	Yes	Yes	No	No	Z4MF2Q	Yes	Yes	No	No
XE3P69	Yes	Yes	No	No	Z644MY	Yes	Yes	No	No
XH24PD	Yes	Yes	No	No	Z6YP3J	Yes	Yes	No	No
XHDZHB	Yes	Yes	No	No	Z9PT8C	Yes	Yes	No	No
XMBJWF	Yes	Yes	No	No	ZAZJKM	Yes	Yes	No	No
XMD36C	Yes	Yes	No	No	ZBUGNM	Yes	Yes	No	No
XPTAR6	Yes	Yes	No	No	ZBV2LN	Yes	Yes	No	No
XXY7DC	Yes	Yes	No	No	ZC82JH	Yes	Yes	No	No
XXY9JR	Yes	Yes	No	No	ZE4UTE	Yes	Yes	No	No
Y679QN	Yes	Yes	No	No	ZFYDUF	Yes	Yes	No	No
Y9GK7C	Yes	Yes	No	No	ZG2X7N	Yes	Yes	No	No
Y9QCJF	Yes	Yes	No	No	ZGXTF7	Yes	Yes	No	No
Y9VHZP	Yes	Yes	No	No	ZHM8YP	Yes	Yes	No	No
YAMRWC	Yes	Yes	No	No	ZKJVZ7	Yes	Yes	No	No
YCHTAL	Yes	Yes	No	No	ZKW84W	Yes	Yes	No	No
YDXHMR	Yes	Yes	No	No	ZNDY76	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZXRRU9	Yes	Yes	No	No					
ZYWD8M	Yes	Yes	No	No					
ZZJEPF	Yes	Yes	No	No					
ZZTTWQ	Yes	Yes	No	No					
ZZWDKT	Yes	Yes	No	No					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 615		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
Responses		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
	Yes	603	596	0	0
	No	0	1	603	599
	Inc	0	4	0	2

Participants not reporting Interpretation results: 12

Additional Comments

TABLE 8

WebCode	Additional Comments
2FUFYB	When reporting DNA results, loci with * are inconclusive for the presence of additional alleles.
2MZTG8	Serology proficiency test only
2NVCH9	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Concordant results were observed for item 3 using Identifiler Plus and Minifiler.
3B8HW8	Screening tests (KM, AP, Amylase, Microscope - Christmas Tree and Sperm Hy-Liter, and PSA) were performed by the analyst in the section of Forensic Biology.
3E7UR8	NR = No Result. Sexual assault cases are screened in the Forensic Biology Unit prior to being processed in the DNA unit. Analyst taking this test conducted KM screening on samples # 3 and #4.
3J3KXJ	Our lab no longer calls major and minor. STR mix was used. For the NON-sperm fraction, I obtained a mixture ratio of 79:21 with Victim being 79.
3PKZEV	Item 4 sperm fraction only tested for Y-STR analysis.
3W9MBZ	^ = allele below stochastic threshold
3YRP4R	Comparison of reference profiles to majority component only for item 4sp
479LKL	NR = Not Reportable
47AHUG	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
4KBC46	Y-str and Mito DNA testing is not performed at this lab.
4KMXT7	-- Possible additional genetic information may be present. No additional peaks were detected; detected data is below stochastic threshold.
4NGTD2	X - STR and mtDNA results only for single-source samples
4QTRM3	alleles in brackets [] are weaker alleles. mtDNA analysis was not performed on Item 4 since the laboratory does not have protocols for processing mtDNA on samples containing semen. Length heteroplasmy in HV2 was observed for Items 1 and 3 with C9TC6 being the major type and C8TC6 and C10TC6 being the minor types; length heteroplasmy in HV2 was also observed for Item 2 with C8TC6 being the major type and C9TC6 being the minor type.
4U672M	In samples where differential analysis is carried out, it is not unusual to obtain a mixed DNA profile in the epithelial fraction and/or semen fraction. This is due to the fact that the differential separation process is not 100% efficient. This laboratory would sometimes employ a conditioning procedure on mixed profiles, by subtracting a known profile from the mixture for interpretation purposes.
4YKFEQ	[From Table 5 - Mitochondrial DNA - HVRI Results, Item 2 "=rcRS"; Item 4: "no mtDNA typing for this item"] [From Table 6d - Mitochondrial DNA - HVII Results, Item 4: "no mt DNA typing for this item"] [From Table 5e - Mitochondrial DNA - HVRI Results and Table 6e - Mitochondrial DNA - HVRII Results, for Item 4: "DNA mixture at STR"]
63XBJA	The DNA profile obtained from possible blood of item 4 is a mixture result. It reads in the victim and excluded the suspect. The semen stain of item 4 yielded no DNA profile (after 4 extractions) due to very low concentrations we can not exclude or include the suspect. Since it is a rape case the result of the semen sample was reported as an inconclusive result.
67WLEA	Sample (Item 4) is still in process of being analysed.
68Y8R3	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds"

TABLE 8

WebCode	Additional Comments
69R977	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Minifiler was also used to amplify sample 3. The DNA profile developed with Minifiler matches the DNA profile developed with Identifiler Plus at all concordant loci.
6BFFV9	Elevated stutter observed at D2S441 and FGA, item 4 sperm fraction. Alleles not included in interpretation.
6M2TUC	* Inconclusive for the presence of additional allele(s). DYS391 was typed using PowerPlex Fusion kit. PSA test was performed to determine which sample should be processed as a differential sample.
6QT336	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
73FHKB	Item 3--D16S539 has a 13 allele called at 10.8% of the major peak in stutter position. Item 3 is interpreted as a single source. Item 4e-D3 has a 9 allele called at 97.96 base pairs which is consistent with pullup from the 9.3 allele at TH01, which is also 97.96 base pairs.
768CKZ	Examiner does biological screening and DNA technician work for known standards only. Therefore, unknown samples were screened and known samples were tested for DNA.
7GRRV7	Test completed as an interpretation PT only. Bench work conducted by other analysts. Item 1- D3S1358- a 9 allele is called and it due to pull-up from homozygote 9.3 at TH01 Item 3- D3S1358- a 9 allele is called that is most likely pull-up from homozygote 9.3 at Th01. DYS391-OL is due to raised baseline. D8S1179- A 16 allele is called that is likely N+4 stutter. Item 4 F1- D3S1358-suspected pull-up called as a 9. Artifact consistent in known sample (item 1). D2S441-poor resolution. Calling minor INC D21S11-poor resolution. Calling minor INC Item 4-F2 D12S391- 22 allele called. Possible elevated stutter 16.7%. Acceptable is 15.8%. All other minor types consistent with F1 major.
7UPZ3W	Male DNA Detection (Plexor HY) Item 3: No Male DNA was detected. Item 4: Male DNA was detected. ^ = Allele below stochastic threshold
7VWEA3	Serology proficiency only, no DNA analysis performed.
7ZXA6	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
8DAG9A	Inclusion of the victim on item 4 refers to the epithelial fraction of item 4. *-Inconclusive for the presence of additional allele(s).
8FDHJK	The minor 28 allele at D21S11 of item 4sp was detected with the MiniFiler kit, but not with the Identifiler Plus kit. All other MiniFiler results are concordant with the Identifiler Plus results, at the corresponding loci.
8NVKTF	There were 4 additional minor alleles present in the semen fraction of item 4 which were also present in item 1 (Female Victim).
8REFW8	Per [laboratory] policy DNA types that are probable artifacts are reported in the following manner: "Additional DNA types were obtained indicating an additional contributor or artifacts." This wording was used in reporting conclusions regarding samples 3 and 4.
8YXTJD	We no longer designate major and minor alleles. Sample 4e was analyzed with STRmix and the mixture ratio was approximately 77% (Victim) and 23% (unknown male, consistent with sperm donor/carry-over.)
9GHPZH	No STR results for substrate controls or control swab
9KLT2Z	Completed serology only, no DNA testing.
9Q9B6G	No STR results were obtained for the substrate controls.
A6PX2E	1) Chelex extraction method was used to extract DNA from Item 1, Item 2, Item 3 and Item 4. 2) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 3) Amplification of STR (Short Tandem Repeats)

TABLE 8

WebCode	Additional Comments
	Genetic Loci was carried out using the AmpFISTR Identifiler Plus PCR Amplification Kit. 4) Amplification of Y-STR (Short Tandem Repeats) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 5) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 6) Reagent blank, positive control and negative control were carried out throughout the analysis.
AHWBB6	Item 4 Epithelial Cell Fraction carryover consistent with Sperm Cell Fraction.
AJDT4Y	NR = No result
APJLXU	Forensic Biology Screening Only
B3U8HY	NR = No Results
B8P2FZ	*Item 4e at D21S11, the following alleles were called: 28,29,30,30.2,31.2; however, allele 29 is possible stutter, no other indications of a third contributor present.
BAK2UC	The sperm fraction of item 4 had 4 minor component alleles (11 at D16S539, 15 at D10S1248, 16 at D1S1656, and 22 at D12S391) that would be designated as A/TA. The laboratory uses this designation when a minor component peak is present at a level where it is not possible to determine whether it is an artifact (e.g. stutter) or a true allele. The A/TA peaks at the D10S1248, D1S1656 and D12S391 loci were the only three minor peaks inconsistent with carryover from the epithelial fraction.
BCR9BH	The examiner who took this test primarily performs mitochondrial DNA analysis, with associated nuclear DNA analysis as needed. In this role, they have not been trained to perform differential extractions and do not report or draw conclusions from nuclear DNA profiles from mixtures. Mitochondrial DNA sequencing was not conducted on item 4 because it is a mixture.
BDDBF6	PSA test was performed to determine which samples to process as differential samples. *-Inconclusive for the presence of additional allele(s)
BG3J2R	NR = No Results. ^ = below laboratory's validated stochastic threshold of 200 rfu
BGKFGX	MtDNA Y-STR DNA testing are not performed in this laboratory.
BHGWRA	AP test on item 4 was negative. This lab does not indicate major/minor alleles. Item 4 (epithelial fraction) was a two person mixture with an estimated mixture ratio of 80:20. According to probabilistic genotyping, the victim is likely the 80% contributor.
BJL4JU	Only screening tests performed.
BV8TT8	NR = No result
BVUGPF	1. Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex method. 2. Quantification was carried out using the Quantifiler Human DNA Quantification kit. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 4. Y-str was carried out for Item 2, Item 3 and Item 4 using the AmpFiSTR Y-Filer kit. 5. Minifiler was carried out for Item 4 using the AmpFiSTR MiniFiler-kit. 6. Electrophoresis was carried out using 3130xl Genetic Analyzer. 7. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis.
C72DN6	For item PT16-413-4F1(e), the 9 at D3S1358 is a possible pull-up peak and the 18 at vWA is a possible elevated stutter peak at 12.1% (stutter threshold = 11.2%). For item PT16-413-4F2(s), the 18 at vWA is possible elevated stutter at 11.7% (stutter threshold = 11.2%). A negative control associated with this case did not perform as expected. It did not affect the interpretation of the results.
CGWL6M	^ = Allele below stochastic threshold.
CLU6A7	No Y-STR profile was obtained from item 3. Y-STR analysis was not performed on item 1.
CMJF4F	1. Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex method. 2. Quantification was carried out using the Quantifiler Human DNA Quantification kit. 3. Item 1, Item 2, Item 3 and Item 4

TABLE 8

WebCode	Additional Comments
	were amplified using Identifiler Plus STR-kit 4. Y-STR was carried out for Item 2, Item 3 and Item 4 using the AmpFiSTR Y-Filer kit. 5. Minifiler was carried out for Item 4 using the AmpFiSTR MiniFiler kit. 6. Electrophoresis was carried out using 3130xl Genetic Analyzer. 7. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis.
CMNWFK	Mitochondrial sequencing was not conducted on Item 4 because it is a mixture.
CWDBR4	NR = No Results. Item 1 Known blood from the female victim: No typing results were obtained at the male specific loci included in the GlobalFiler Express STR typing kit (DYS391 and Yindel). NT = Not Tested. Item 1 Known blood from the female victim and Item 3 Questioned stain from the victim's scarf: These samples were not tested with a YSTR typing kit because the STR results indicated that the source of the DNA was a female.
CYY6KX	-- Possible additional genetic information may be present. No additional peaks were detected; detected data is below stochastic threshold.
EZ9TW9	Item 1 (Female Victim Known) not analyzed with Y-Filer.
FD932U	[From Table 1- Screening Serology Results: "No differences"] Screening tests (Part 1) were performed by a member of the Forensic Biology unit.
FWLLXX	Screening test results performed by Forensic Biology analyst.
FZHEK2	Additional DNA types/artifacts obtained: - Item 3 - 9 at D3 (possible pullup from TH01), 16 at D8 (possible n+4 stutter) - Item 4 (epi/fraction 1) - 9 at D3 (possible pullup from TH01)
G2ANGN	NR = no result (laboratory guidelines when single source female sample) as listed for DYS391
G38YCQ	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds.
G7W3LA	MiniFiler was performed on Item 3. Results were concordant at all overlapping loci. Fusion and YFiler results for Item 2 and Item 4 were concordant at DYS391. NR = No Result
GLGXJ7	Deduced major component at D8S1179, D5S818, D2S441, and D19S433. Allele 22 at D12S391 Artifact/True Allele.
GMBJCW	All screening tests performed by an analyst in Forensic Biology.
GU6XNH	^ = Allele below stochastic threshold [200rfus]. [] = Minor allele. Plexor HY used on Item 3 - Male DNA was inconclusive
H7H93Z	NR=No results
HB8QJB	NR - no DNA typing results at this locus. Minifiler results for item 3, item 4 SP, item 1, and item 2 are concordant with the Identifiler Plus results (at the corresponding loci). For item 4 EC the MiniFiler results are consistent with the Identifiler Plus results (at D21s11 the 30 allele was not detected above the analytical threshold in MiniFiler).
HE667Z	Yfiler Direct was run on Item 1, but no results were obtained.
HRK946	Y-STR analysis was not performed on items 1 and 3 because no male DNA was detected using Quantifiler Duo.
HT8DBA	[From Table 5b - Mitochondrial DNA - HVRI Results, Item 2: "=rCRS"] [From Table 5e - Mitochondrial DNA - HVRI Results and Table 6e - Mitochondrial DNA - HVRII Results, for Item 4: "Mixture - No mtDNA"] The MiniFiler data is consistent with the Identifiler Plus data for all Loci they have in common.
HTBHZR	KM done by DNA analyst. Other serological tests done by FB
JDEQRV	All samples were ran using GlobalFiler and Identifiler. Only the GlobalFiler results were reported. All Identifiler results were consistent with the reported GlobalFiler results.
JDQC36	Item 1, 2 and 3 were extracted using organic @ Phenol/Chloroform. Item 4 was extracted using Chelex

TABLE 8

WebCode	Additional Comments
	method for differential extraction. Separation and detection of amplified products were performed using Applied Biosystems 3130xl Genetic Analyzer and analysis was carried out by GeneMapper ID v3.2.1 software.
JFYJKQ	--, Possible additional genetic information may be present: data below stochastic threshold are present; no additional peaks were detected.
JKYVGQ	-- Possible additional genetic information may be present. (no additional peaks were detected; detected data is below stochastic threshold)
JLY48T	PSA test was performed to determine which sample should be processed as a differential sample.
JPPA2Q	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Concordant results were obtained with Identifiler Plus and Minifiler for item 3.
KARHTU	Item 1 and Item 2 were both amplified with PowerPlex Fusion 6C. As expected, no Y-STR markers were obtained for Item 1 due to the profile being female. Both sample table results were sorted for PowerPlex Fusion; however, the last three loci (FGA,D22S1045, and SE33) are out of order.
KPJEPV	Minifiler was also used to amplify sample 3. Concordant results were obtained with item for Identifiler Plus and Minifiler. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
KPQDGM	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds"
KZGBJK	I performed differential extraction on Item4 but result section of mtDNA data could not be split. ITEM4 mtDNA(e) Bases Sequenced 16024-16365: 16111T 16129A 16223T 16290T 16319A 16362C Bases Sequenced 73-340,438-574: 73G 146C 153G 235G 263G 309.1C 309.2C 315.1C 523D 524D. ITEM 4 mtDNA(sp) Bases Sequenced 16024-16365: 16111T 16223T 16290T 16319A 16335G 16362C Bases Sequenced 73-340,438-574: 73G 146C 153G 235G 263G 309.1C 315.1C 523D 524D
L9QH22	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. The interpretation of Item 2 and Item 4 is based on Y Filer results only.
LFUW6N	Semen and saliva testing conducted by another analyst from Forensic Biology Unit.
LHTZB4	Item 4 was processed with LCNy, and has concordant results with the reported YFiler results. Locus DYS391 is concordant between Fusion and YF for the applicable samples (Items 2 and 4).
LPDKD4	*DNA Result* = inconclusive. (DNA result) = Peak height intensity less than stochastic threshold. A major contributor was indicated for the e.cell fraction of Item 4 at the following loci: D8S1179, D21S11, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, D18S51, Amelogenin, D5S818, and FGA.
LQ42W6	PowerPlex Fusion and Identifiler Plus were both performed on Items 1 and 2. (Fusion was processed by lead scientist on this test, ID+ was processed by another trained staff member so that lead scientist could meet proficiency requirement of data analysis on this kit.) Results were concordant at all overlapping loci.
LVP9PL	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Minifiler was also used to amplify item 3. Concordant results were obtained for item 3 using Identifiler Plus and Minifiler.
M94WZ3	1. Item 1, Item 2, Item 3 and Item 4 were extracted using Chelex Extraction. Then it was quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. Amplification was done using AmpFISTR Identifiler Plus Kit. 2. Item 2, Item 3 and Item 4 were amplified using YFiler Kit in the 9700 Thermal Cycler. 3. Electrophoresis process were carried out by Genetic Analyzer 3130xl for Item 1 to

TABLE 8

WebCode	Additional Comments
	Item 4. 4. Item 4 was amplified using minifiler kit. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
MAVKA3	No STR results were obtained for the substrate controls.
MFREVR	A called "9" allele in D3S1358 in items 1 and 4 (epithelial fraction), was interpreted as pull-up and was not included in the data sheets. A called "22" allele in D12S391 in item 4 (sperm fraction) was detected and interpreted as possible elevated stutter.
N4ELRH	Incomplete results reported with DYS392 for Item 4sp using Yfiler. This was due to insufficient male DNA in the sample even after multiple extractions. Results from this fraction are still interpretable per laboratory protocol and were used for comparisons (interpretations).
NBDB9M	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds"
NECPUQ	Samples were also analyzed with the Quantifiler Duo kit and AmpFLSTR Identifiler kit. The results between the two kits were consistent; GlobalFiler and Identifiler.
NKNDUM	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds"
NQPYBP	Artifacts observed as follows: Item 1- D3S1358 9 allele- PU from TH01 9.3 allele. Item 3- D3S1358 9 allele- PU from TH01 9.3 allele. Item 4e- D3S1358 9 allele- PU from TH01 9.3 allele.
NV934Y	Item 4 - Shared alleles at several loci (D18, D2S1338, D12) along with the differential extraction caused and partial male profile on the sperm fraction of item 4.
PHKPDN	An 18 allele was obtained at vWA in Fraction 2 of item 4A. This allele was determined to be a fluorescent spike. The following wording is utilized in instances where a potential artifact is observed: "One additional DNA type was obtained indicating an additional contributor or artifact." This statement was included in the report regarding this sample.
QACXYI	Item 4 gave a mixed nDNA profile (more than one contributor) the laboratory does not perform mixture interpretation. As a result, no further analysis / comparison was done for item 4.
QE8RXL	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
QEAJP2	The results obtained and presented in this report were generated following lab procedures, however of the results presented here I am not authorised to report upon hematrace and p30 testing in casework.
QMZZJC	Incomplete DNA results were reported for the sperm fraction for Item 4 using the Yfiler chemistry. This was due to insufficient male DNA in the sample even after multiple extractions(~5% of the stain remains). Results for this fraction were still interpretable and used for comparisons per laboratory protocol. Serology microscopic examination resulted in few sperm observed.
QT3PNQ	DNA analysis/comparisons not performed; samples tested for screening / stain identification only.
QZ8Z64	Item 4 is a mixture. Mitochondrial DNA analysis is not conducted on mixture samples.
R2YD7M	An additional type was detected in the epithelial fraction from item 4 that was not attributed to the victim or the unidentified male donor. This type can be attributed to pull up from the 9.3 at TH01 as there are no indications of a third donor.
R7PP2J	Minifiler was used to amplify item 3. Concordant results were obtained for item 3 for Identifiler Plus and Minifiler. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
RLHHQQ	No analysis was performed on items 3 and 4. No comparisons were performed.
RNUAPY	For 4-1sp, a 31.2 peak was observed at D21S11, but not recorded. This peak was assessed as n+1 stutter from the 30.2 peak.
RRNBKL	Item 1 revealed the presence of a pull-up peak labeled as (9) at D3S1358. Item 2 revealed the presence

TABLE 8

WebCode	Additional Comments
	of an elevated stutter peak labeled as (8) at TH01. Item 3 revealed the presence of a pull-up peak labeled as (9) at D3S1358. Item 4sp revealed the presence of an elevated stutter peak labeled as (18) at vWA.
T3Y7XX	1. Item 1, Item 2, Item 3 and Item 4 were extracted using chelex extraction and quantified using ABI Quantifiler Human and running using RT-PCR 7500 SDS System software. 2. Item 1, Item 2, Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus kit and perform electrophoresis using Genetic Analyzer 3130XL. 3. Item 2, Item 3 and Item 4 were amplified using Y-File kit. 4. Item 4 was amplified using minifiler kit. 5. Reagent blank, positive control and negative control were carried out along with the analysis.
T4XYJB	Analysis was also conducted using Identifiler Plus and the results are concordant with the loci seen in the Globalfiler results section.
TCMWMC	LR: (VICTIM + SUSPECT) VS. (2 UNKNOWN) = 1.95E+11 LR: (VICTIM + SUSPECT) VS. (VICTIM + 1 UNKNOWN) = 4.86E-33
TDJCBU	NR= No Results
TEN3ZW	(DNA Result) = Peak height intensity less than stochastic threshold. Item 4 e.cell Major profile called at D8S1179, D21S11, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, D18S51, Amel, D5S818, and FGA.
TQ26LU	Item 4 epithelial fraction - One additional trace allele (7@TH01) detected. Electropherogram contained significant amounts of n+1, pull up and some non-specific artefact peaks. Believed to be a true allelic peak, however.
TVJD9L	Samples also run in Identifiler. Results were consistent.
U7ZJKF	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
UF9TAU	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
UTM74M	To note a blood extraction (QA-2-non-absorbent) was also done on item 4 which resulted in a mixture with predominantly the victims profile that can be read into the mixture profile
UXLK6J	There is an allele call of 9 at D3S1358 in the following items: PT16-423-4Aa (fraction 1), PT16-423-1A, and PT16-423-3A, all of which can be considered pull-up. The DNA profile from fraction 2 of item 4, designated herein as PT16-423-4Ab, has been interpreted as a single source profile with two instances of elevated stutter. The first instance is observed at locus D8S1179, which has an accepted stutter value of less than or equal to 10.9%, and a calculated elevated stutter of 12.5%. The second instance can be seen at locus D12S391, which has an accepted stutter value or less than or equal to 15.8%, and a calculated elevated stutter of 16.3%.
V2F2GC	1. The Alternate Light Source (ALS) test of questioned stain was performed by Rofin Polilight® PL500 using the light wavelength at 530nm for blood stain, 555nm for semen stain, and 450nm for saliva stain; viewed with orange goggle. 2. Based on the ALS test, we found that item#3 contained blood only and item#4 contained mixture of blood and semen. 3. DNA from item#1, #2, and #3 were extracted using QIAamp DNA Investigator Kit as indicated by the manufacturer. Differential extraction was performed on item#4, followed by QIAamp DNA Investigator Kit procedure. 4. All the extracted DNA was quantified using Quantifiler® Human DNA Quantification Kit through 7500 Real Time PCR (Applied Biosystems). 5. Amplification of extracted DNA (item#1 - #4) was performed using PowerPlex® Fusion System (Promega). 6. Y-STR analysis was performed on item#2 and #4-sp using PowerPlex® Y23 System (Promega). 7. Capillary electrophoresis was carried out through AB 3130 xl Genetic Analyzer (Applied Biosystems). 8. Genotype analysis was performed using GeneMapper ID version 3.2.1 software (Applied Biosystems). 9. All procedures was performed according to the laboratory Standard Operating Procedure (SOP).
V3BKHD	A very low quantity of DNA was obtained from the epithelial fraction of item 4, which resulted in a DNA profile of very low quality. Significant peak height imbalance was observed and nearly all labeled peaks were below the laboratory's stochastic threshold. As a result of the low quality of this sample, it was

TABLE 8

WebCode	Additional Comments
	determined, based on the laboratory's interpretation and statistics guidelines, that there were insufficient loci eligible for use in a statistical calculation; therefore the result is reported as inconclusive for victim (item 1).
V3NJNZ	Items 1 and 3 were amplified with Yfiler and analyzed. No Yfiler typing results were obtained from either sample.
VM4DRF	[]-indicates minor allele/s and alleles between analytical and stochastic thresholds.
VX6NCK	Item 1 had pull-up at D3S1358 and N+4 stutter (2.02%) at D12S391. Item 3 had pull-up at D3S1358.
W8NN4D	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Item 3 was also amplified using Minifiler. Concordant results were obtained between Identifiler Plus and Minifiler.
WRENHP	This analyst is in training for DNA analysis and only completed the screening portion of this test.
WUHNAA	For non-sperm cell fraction of Item 4, major profile not called at D3S1358, D16S539 or TPOX. Weaker alleles are designated by []. Major profile from non-sperm cell fraction matches Item 1. Single source male profile obtained from Item 4 does not match either Item 1 or Item 2. HV2 length heteroplasmy observed for Items 1 and 3: C9TC6 major and C8TC6 and C10TC6 minor. HV2 length heteroplasmy observed for Item 2: C8TC6 major and C9TC6 minor. mtDNA testing was not conducted on Item 4 since the mtDNA section does not have protocols for semen containing samples
WW3KVE	Concordant results were obtained with item 3 for Identifiler Plus and Minifiler. The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
WXEEFK	Data review and interpretation only conducted for this test. Artifact observed @ D3S1358 labeled as suspected pull-up for items 1x, 3x, and 4f1. Artifact observed @ D8S1179 labeled as suspected stutter for item 3x. Artifact observed @ DYS391 labeled as baseline artifact due to peak morphology for item 3x. Artifact observed @ D8S1179 labeled as suspected stutter for item 4f2.
WY7BR8	Mitochondrial DNA sequencing was analyzed on only Item 1 and Item 2, due to Item 3 and Item 4, crime sample, may be a mixture. SWGDAM MtDNA Interpretation Guidelines - approved 07/18/2013 - 2.2.4 Mitochondrial DNA mixed sequences are not commonly interpreted.
X2MZNP	Allelic drop out was experienced in items 3 and 4. For item 4 only obligate alleles of the unknown male individual were reported due to allele sharing and difficulty in obtaining clean separation between the sperm and epithelial fractions.
X3GE3M	Data at DYS391 in item 4e from PowerPlex Fusion amplification.
XAP974	^ = Indicates allele below laboratory's stochastic threshold. Item 4 - Male DNA was detected with Plexor HY
XDBMHT	NR = Not reportable
XH24PD	-- Possible additional genetic information may be present. Interpretation of possible additional genetic information being undetected is based on the conclusion of the Victim as the minor contributor, below the stochastic threshold, on her own dress shirt.
XMBJWF	Item 3: An additional peak labeled 9 @ D3S1358 is pull up from TH01.
XMD36C	Additional screening tests were performed by a Forensic Biology Analyst per standard lab protocol: Item 3; AP negative, Amylase negative. Item 4; AP positive, Micro (Christmas Tree & Sperm Hyliter) positive, and PSA positive.
XXY7DC	This lab does not conduct mitochondrial or Y DNA testing.

TABLE 8

WebCode	Additional Comments
Y679QN	No Y-STR DNA profile from 1C, Item 1A was not analyzed for Y-STR.
YAMRWC	this lab does not perform Y-STR or mitochondrial testing
YZ7VEB	A minor 9 allele was also called at D3S1358 for item 4 - non-sperm fraction. This was interpreted to be a pull-up peak from a large TH01 9.3 allele with ~the same BP value. In casework, the statement "One additional DNA type was obtained indicating an additional contributor or artifact." would be added to the report.
ZAZJKM	Certain alleles in item B4-4 (sperm/substrate fraction) could not be distinguished as artifacts or true alleles (A/TAs) due to being in positions of n+4 stutter. These include: Allele 17 at D3S1358, allele 11 at D16S539, allele 14 at D10S1248, and allele 24 at D12S391. Our SOP accepts n+4 stutter at ~2%. The calculated n+4 stutters of these A/TAs were 3.5%, 2.7%, 3.6%, and 3.9% respectively.
ZFYDUF	"" inconclusive for the presence of additional allele(s)
ZZJEFF	* inconclusive for the presence of additional allele(s).

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 16-574: Forensic Biology

DATA MUST BE RECEIVED BY September 20, 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 sexual assault of a female victim. According to the statements made by the victim, she was approached from behind while at an ATM. The suspect reached around her neck with a knife and pulled her into an alleyway, escorting her from behind. The victim was pushed facedown onto a pile of flattened cardboard boxes, during which time the knife blade cut her neck. The attacker then vaginally penetrated the victim from behind, and used the victim's green scarf to keep her from seeing his face. The victim also stated that she felt the attacker grab at the back of her shirt several times, including after the attack. The perpetrator then fled the scene after the assault. Several days later, a suspect was identified using ATM camera footage and cell-phone tower proximity data. Testing of the victim's Sexual Assault kit has already been performed and the results were negative. Investigators are now submitting the following additional evidence for analysis; stains from the victim's green scarf (Item 3) and the victim's blue-checked dress shirt (Item 4). Also submitted are blood samples from the female victim and the male suspect.

Items Submitted (Sample Pack B4):

- Item 1: Known blood from the female victim (white cloth)
- Item 2: Known blood from the male suspect (white cloth)
- Item 3: Questioned stain from victim's scarf (green material)
- Item 4: Questioned stain from victim's dress shirt (blue checked 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.

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="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
1	<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
1	<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
1	<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 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="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
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
3	<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
3	<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
3	<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 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="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
3	<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	
3	<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 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	<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
4	<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
4	<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
4	<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 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	<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
4	<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
4	<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): 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

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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.

<p>Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>September 20, 2016</i> to be included in the report. Emailed data sheets are not accepted.</p> <p>QUESTION? TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: forensics@cts-interlab.com www.ctsforensics.com</p>	<p>ONLINE DATA ENTRY: www.cts-portal.com FAX: +1-571-434-1937 MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA</p>
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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. **16-574: Forensic Biology**

This release page must be completed and received by **September 20, 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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