



Forensic Biology Test No. 15-573 Summary Report

This proficiency test was sent to 431 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 363 participants (84% response rate) and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains in Items 1 - 3 were prepared from human whole blood which was drawn into citric acid preservative bloodbank bags. Item 4 was a mixture prepared from human whole blood and semen. The semen, procured from a cryobank, was from a single donor, but stored frozen in multiple vials at -196°C in liquid nitrogen tanks. The semen was thawed and first mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. This mixture was used to spot the Item 4 substrate. Items 1 ($75\ \mu\text{l}$) and 3 ($50\ \mu\text{l}$) were created using blood collected from the same female donor and Item 2 ($75\ \mu\text{l}$) was created using blood collected from a male donor. The Item 4 ($50\ \mu\text{l}$) mixture contained the blood from the Item 1 female donor and semen from the Item 2 donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on April 13, 2015 following receipt of predistribution results.

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

VERIFICATION: Laboratories that conducted predistribution analysis of the samples reported consistent results and associations

Manufacturer's Information, continued**Amelogenin and STR Results***Results compiled by predistribution laboratories and a consensus of at least 10 participants.*

	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
1	15,15.3 12,17 12,13 10,11	17,22 13,15 28,32.2 12,12	10,14 19,20 15,16 14,28.2	16,16 12,13 X,X 9.3,9.3	11,12 9,9 10,14* 8,8	9,13 13,16 22,23 16,16
2	11,15 11,16 15.2,16 9,13	23,25 12,15 28,31.2 11,15	11,14 19,22 15,15 29.2,30.2	15,16 8,12 X,Y 9,10	11,12 12,12 11,12 8,11	9,11 15,17 20,21 14,17
3	15,15.3 12,17 12,13 10,11	17,22 13,15 28,32.2 12,12	10,14 19,20 15,16 14,28.2	16,16 12,13 X,X 9.3,9.3	11,12 9,9 10,14* 8,8	9,13 13,16 22,23 16,16
4-Blood	15,15.3 12,17 12,13 10,11	17,22 13,15 28,32.2 12,12	10,14 19,20 15,16 14,28.2	16,16 12,13 X,X 9.3,9.3	11,12 9,9 10,14* 8,8	9,13 13,16 22,23 16,16
4-Semen	11,15 11,16 15.2,16 9,13	23,25 12,15 28,31.2 11,15	11,14 19,22 15,15 ‡	15,16 8,12 X,Y 9,10	11,12 12,12 11,12 8,11	9,11 15,17 20,21 14,17

*Two common responses were reported by participants at this locus; further details are available in the Summary Comments found on the following page.

YSTR Results*Results compiled from predistribution laboratories and a consensus of at least 10 participants.*

	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
2	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24 ‡	13 13
4-Semen	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24 ‡	13 13

‡ Results were not received by a minimum of 10 participants for STR and YSTR loci indicated.

Summary Comments

The 15-573 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 3 were created using blood collected from the same female donor and Item 2 was created using blood collected from a male donor. The Item 4 mixture contained the blood from the Item 1 female donor and semen from the Item 2 donor. (See Manufacturer's Information for preparation details)

Data were returned by a total of 363 participants, 351 of whom reported DNA results. All 12 remaining participants reported only screening results.

Screening Test Results

For Item 3, all 342 participants that reported results for blood were positive. All 324 that reported results for semen were negative. All 93 that reported results for saliva were negative.

For Item 4, all 342 participants that reported results for blood were positive. All 328 that reported results for semen were positive. There were 101 participants that reported negative results for saliva and one that was inconclusive.

DNA Analysis Results

Of the 351 participants reporting DNA results, 12 did not report interpretations. Of these, 10 stated that they analyzed the samples for database purposes only and the remaining two left this section blank.

For the Item 3 stain, all 339 participants included the victim (Item 1) as a possible contributor. There were 338 participants that excluded the suspect (Item 2) as a possible contributor to the Item 3 stain and one participant that included the suspect (Item 2). For the Item 4 mixture, there were 337 participants that included the victim (Item 1) as a possible contributor and one that excluded the victim (Item 1). All 339 participants included the suspect (Item 2) as a possible contributor to the Item 4 mixture.

The majority of participants reported "10,14" at CSF1PO for Items 1 and 3 however, over 25% of participants either reported an additional "15" allele at this locus or mentioned the allele in their Additional Comments. For Item 4e, approximately 22% of participants reported or discussed in their Additional Comments the additional "15" allele at CSF1PO. For this reason, both variations for Items 1, 3 and 4e have not been highlighted as inconsistent.

Twelve participants reported allelic results that differed from the consensus/predistribution testing results. Six participants were missing alleles at one or more loci. Four participants reported additional alleles at one or more loci and two reported inconsistent alleles at one or more loci.

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
23RCU9				
Item 3	Pos LMG, ALS, Species (α-HuHb)	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, ALS, Species (α-HuHb)	Pos ALS, AP, PSA, Micro	NT	
2DD7G3				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
2GBUQH				
Item 3	Pos HemaTrace	Neg p30, Micro	NT	
Item 4	Pos HemaTrace	Pos p30, Micro	NT	
2JXGD4				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA		
2KED4H				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
2RTGTW				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro	NT	
2YCR2Q				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
2YYYYLQ				
Item 3	Pos KM, RSID-Blood, HemaTrace	Neg AP, p30	Neg Phadebas	Urine, feces, Neg RSID-Urine, Urobilinogen
Item 4	Pos KM, RSID-Blood, HemaTrace	Pos Micro-Sperm, p30	Neg Phadebas	
37QTYF				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
38EJR8				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
3APG8A				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP	NT	
3B6D2U				
Item 3	Pos KM, HemaTrace	Neg AP		
Item 4	Pos KM, HemaTrace	Pos AP, Micro		
3E8ARP				
Item 3	Pos KM, O-tol, RSID-Blood	Neg *AP (INC), Sperm (-) CT Microscopic, Abacard p30 (-)	Neg Phadebas	
Item 4	Pos KM, O-tol, HemaTrace	Pos AP, Sperm SH Microscopic, ABAcard p30	Neg Phadebas	
3H39X8				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro, PSA	NT	
3MCLGR				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
3N84G8				
Item 3	Pos KM	Neg Micro, PSA, ALS	NT	
Item 4	Pos KM	Pos Micro, ALS	NT	
3UTYHB				
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT	
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
3W34VZ				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Amylase gel, Micro for e. cells	
Item 4	Pos KM	Pos AP, Micro for Sperm	Neg Amylase gel, Micro for e. cells	
3XWREV				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
42UQA7				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
436HBA				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro, PSA		
49EKRW				
Item 3	Pos Hemastix, hemochromogen	Neg AP	NT	hair, Neg Visual
Item 4	Pos hemochromogen	Pos AP, Micro	NT	hair, Neg visual
4AQJJK				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
4EKGCV				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas	
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas	
4JX44G				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT	
4LXAK8				
Item 3	Pos Phenolphthalein, HemaTrace	Neg BCIP	Neg Phadebas	
Item 4	Pos Phenolphthalein, HemaTrace	Pos BCIP, Micro, p30	Neg Phadebas	
4NKXW8				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP	NT	
4QDW2X				
Item 3	Pos KM	Neg ALS, FBB, PSA	NT	
Item 4	Pos KM	Pos ALS, FBB, PSA, Micro	NT	
4ZLC6K				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	Neg RSID	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
64EX6M					
Item 3	Pos KM, RSID-Blood, HemaTrace	Neg p30	Neg Amylase	Urine & Feces, RSID urine (urine) & Neg Urobilinogen (feces)	
Item 4	Pos KM, RSID-Blood, HemaTrace	Pos Micro Sperm by light, p30	Neg Amylase		
64FJW9					
Item 3	Pos Hstix	Neg AP	NT	Epithelial Cells,	
Item 4	Pos Hstix	Pos AP	NT	Pos	
6649YZ					
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT		
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
68WVZ4					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
6ALGED					
Item 3	Pos LMG	Neg AP	NT		
Item 4	Pos LMG	Pos AP, Micro	NT		
6JL2M8					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP, PSA, Micro	NT		
6LBCH7					
Item 3	Pos HEMA-TRACE	Neg p30, Micro, ALS			
Item 4	Pos HEMA-TRACE	Pos p30, Micro, ALS			
6LWUPL					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
6N2H8X					
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, ABACard-p30	Neg Phadebas	Human Origin, Quantifiler Human Pos	
6NF3LZ					
Item 3	Pos KM	Neg AP, p30	NT		
Item 4	Pos KM	Pos AP, p30, Micro	NT		

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
6NNQHM					
Item 3	Pos LMG	Neg ALS, AP			
Item 4	Pos LMG	Pos ALS, AP, Micro			
6NZLPL					
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Phadebas Press		
Item 4	Pos KM	Pos AP, Micro, PSA	Neg Phadebas Press		
6QPXG6					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Amylase	Human DNA, Pos Quantifiler Duo	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Amylase	Human DNA, Pos Quantifiler Duo	
6QQNRU					
Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press		
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press		
6RKJ8B					
Item 3	Pos Hemident, HemaTrace	Neg Abacard p30, Sperm Hy-Liter	NT		
Item 4	Pos Hemident, HemaTrace	Pos Abacard p30, Sperm Hy-Liter	NT		
6TYV3A					
Item 3	Pos PTMB	Neg AP	NT	Human Origin, QF Pos	
Item 4	Pos PTMB	Pos AP, Micro	NT	Human Origin, QF Pos	
769YTP					
Item 3	Pos KM	Neg ALS, AP	Neg RSID		
Item 4	Pos KM	Pos ALS, AP, Micro	Neg RSID		
7AEQQ2					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
7C8KKP					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		
7MP66L					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
7QMQRH					
Item 3	Pos KM, HemaTrace	Neg AP, PSA	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
7TCQC9					
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, RSID-Semen	NT	Human protein, ELISA Speciation Pos	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro, RSID-Semen	NT	Human protein, ELISA Speciation Pos	
7TPKGM					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
7Y6RF8					
Item 3	Pos KM, HemaTrace	Neg ALS, AP, RSID-Semen, Micro	NT	Human protein, ELISA Speciation Pos	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, RSID-Semen, Micro	NT	Human protein, ELISA Speciation Pos	
84PBV3					
Item 3	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, Micro, PSA, ALS	Neg Amylase, Micro		
Item 4	Pos LMG, Ouchterlony (anti-HuHb)	Pos AP, Micro, PSA, ALS	Neg Amylase, Micro		
87CVXQ					
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	Human Origin, Plexor HY Pos	
Item 4	Pos KM, Takayama	Pos AP, Micro, p30	Neg RSID	Human Origin, Plexor HY Pos	
887XA9					
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas		
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas		
8B7VAZ					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, p30, Micro	NT		
8F4EAD					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
8HAY2K					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8HP839				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
8MGMEI				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos Micro, PSA, AP	NT	
8NA8FZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
8RRKZM				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	
8TJNM3				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
8W4FUJ				
Item 3	Pos LMG, HemaTrace	Neg PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos PSA, Micro	NT	
8W6GQH				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
8XM6DJ				
Item 3	Pos KM	Neg PSA, ALS	NT	
Item 4	Pos KM	Pos PSA, ALS, Micro	NT	
8YR8Q2				
Item 3	Pos KM	Neg AP & Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP & Micro	Neg Amylase Radial Diffusion	
973PHZ				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
98679J					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
9AUFFZ					
Item 3	Pos LMG, HemaTrace	Neg ALS	NT		
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, p30	NT		
9B6ECU					
Item 3	Pos HemDirect	Neg AP, RSID, PSA, Micro	Neg RSID		
Item 4	Pos HemDirect	Pos AP, RSID, PSA, Micro	Neg RSID		
9C2QEN					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		
9CZZ4Z					
Item 3	Pos LMG, HemaTrace	NT	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Abacus p30, KPIC, Micro	NT		
9F2YKK					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		
9G8HCZ					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
9JV6VF					
Item 3	Pos O-tol, PPTH, red brown color	Neg AP, Micro	NT		
Item 4	Pos O-tol, PPTH, red brown color	Pos AP, Micro	NT		
9L8V76					
Item 3	Pos TMB	Neg AP	NT		
Item 4	Pos TMB	Pos AP, Microscopy			
9QVGTX					
Item 3	Pos HemaTrace	Neg p30/PSA	Neg RSID-Saliva		
Item 4	Pos HemaTrace	Pos p30/PSA, Micro	Neg RSID-Saliva		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9TH76X				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
9UVQYT				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
A8ZDMG				
Item 3	Pos RSID-Blood*, HemaTrace*, KM	Neg Micro (CT stain)*, p30*	Neg Amylase*, (Phadebas)*	
Item 4	Pos RSID-Blood*, HemaTrace*, KM	Pos AP*, Micro(CT stain Sperm high lighter stain)*, p30*	Neg Amylase* (Phadebas)*	
AAKCTY				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
AAPPFV				
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT	
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT	
AGRH2C				
Item 3	Pos O-tol	Neg AP, Micro	Neg RSID-Saliva	
Item 4	Pos O-tol	Pos AP, Micro	Neg RSID-Saliva	
AHFAJ8				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
AKP8YB				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
ALH2YZ				
Item 3	Pos ALS, TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos ALS, TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
AR7JGH				
Item 3	Pos KM	Neg AP, p30	NT	
Item 4	Pos KM	Pos AP, p30, Micro	NT	

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
ATZ8XR					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, PSA, Micro	NT		
AZEFW9					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT		
B2HLKT					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
B8GMFH					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
B8UE4T					
Item 3	Pos KM, HemaTrace	Neg BCIP	NT		
Item 4	Pos KM, HemaTrace	Pos BCIP, PSA, Micro	NT		
BAKKM4					
Item 3	Pos Hemident, HemaTrace	Neg ABACard p30, Micro	NT		
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Micro	NT		
BDZ3Q8					
Item 3	Pos LMG	Neg AP, Micro	NT		
Item 4	Pos LMG	Pos AP, Micro	NT		
BEUKZV					
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT		
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
BJLU42					
Item 3	Pos HemaTrace, KM	Neg Micro, PSA	Neg RSID-Saliva	Male DNA, Neg Y-screening	
Item 4	Pos HemaTrace, KM	Pos Micro, PSA	Neg RSID-Saliva	Male DNA, Pos Y-screening	
BN2DDV					
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT		
Item 4	Pos Hemastix, HemaTrace	Pos AP	NT		
BQN2PW					
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT		
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BTYPG9				
Item 3	Pos KM	Neg AP	Neg	Amylase Radial Diffusion
Item 4	Pos KM	Pos AP, Micro	Neg	Amylase Radial Diffusion
C3ECCT				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
C8CPHR				
Item 3	Pos KM	Neg BCIP	Neg	Phadebas
Item 4	Pos KM	Pos BCIP, p30, Micro	Neg	Phadebas
CDTC3V				
Item 3	Pos KM	Neg AP, P-30	NT	
Item 4	Pos KM	Pos AP, P-30, Micro	NT	
CE9GWM				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
CHQQUQ				
Item 3	Pos KM	Neg AP, Micro (Sperm)	Neg	Amylase Radial Diffusion, Micro (e cells)
Item 4	Pos KM	Pos AP, Micro (Sperm)	Neg	Amylase Radial Diffusion, Micro (e cells)
CHTCRR				
Item 3	Pos Phenolphthalein	Neg BCIP	NT	
Item 4	Pos Phenolphthalein	Pos BCIP, p30, Micro	Neg	Phadebas
CL94FZ				
Item 3	Pos KM, HemaTrace	Neg BCIP	Neg	Phadebas
Item 4	Pos KM, HemaTrace	Pos BCIP, p30, Micro	Neg	Phadebas
CRF9TT				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
D3DT9Q				
Item 3	Pos KM	Neg BCIP	NT	
Item 4	Pos KM	Pos BCIP, p30, Micro	NT	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
D9ZF6G					
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID-Saliva		
Item 4	Pos KM, HemDirect	Pos ALS, AP, Micro	Neg RSID-Saliva		
DCE82C					
Item 3	Pos KM, HemaTrace	Neg AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT		
DCWD8T					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
DDCDQH					
Item 3	Pos KM, HT	Neg AP, PSA	NT		
Item 4	Pos KM, HT	Pos AP, PSA, Micro	NT		
DNTD37					
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
DQZLEC					
Item 3	Pos O-tol	Neg ALS, AP	NT	Human Blood, RSID Pos	
Item 4	Pos O-tol	Pos ALS, AP, PSA, Micro	Inc Amylase	Human Blood, RSID Pos	
DUYVHY					
Item 3	Pos O-tol, HemaTrace	Neg AP	NT		
Item 4	Pos O-tol, HemaTrace	Pos AP, PSA	NT		
DW2XYM					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP, Micro, PSA	Neg Amylase Diffusion		
DXJTWG					
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg RSID-Saliva		
Item 4	Pos KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg RSID-Saliva		
EBQW2B					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
EC9CVB					
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro			
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro			
EE3V7P					
Item 3	Pos Hemastix, HemaTrace	Neg AP		NT	
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA/p30, Micro		NT	
EH3CCR					
Item 3	Pos KM	Neg AP, p30		NT	
Item 4	Pos KM	Pos AP, p30, Micro		NT	
EP326C					
Item 3	Pos THB[sic], OBTI	Neg Micro		NT	
Item 4	Pos TMB,OBTI	Pos Micro		NT	
EU3LCM					
Item 3	Pos KM, HemDirect	Neg ALS, AP, PSA, Micro		NT	
Item 4	Pos KM, HemDirect	Pos ALS, AP, PSA, Micro		NT	
EUYDVM					
Item 3	Pos KM	Neg AP, Micro (no sperm observed)	Neg Amylase, Micro (no epithelial cells)		
Item 4	Pos KM	Pos AP, Micro (sperm observed)	Neg Amylase, Micro (no epithelial cells)		
EW2B7F					
Item 3	Pos KM	Neg AP		NT	
Item 4	Pos KM	Pos AP, Micro		NT	
EXFL9E					
Item 3	Pos KM	Neg ALS, AP		NT	
Item 4	Pos KM	Pos ALS, AP, Micro		NT	
EZ34FE					
Item 3	Pos LMG, HemaTrace	Neg AP		NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA		NT	
F7NF48					
Item 3	Pos KM	Neg AP		NT	
Item 4	Pos KM	Pos AP, Micro		NT	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
FGJRZT					
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		
FHHXCL					
Item 3	Pos KM	Neg AP Overlay	NT		
Item 4	Pos KM	Pos AP Overlay, Micro	NT		
G3NNB2					
Item 3	Pos LMG	Neg AP	NT		
Item 4	Pos LMG	Pos AP, Micro	NT		
G4DVTC					
Item 3	Pos KM, HemDirect	Neg AP, PSA, Micro, ALS	NT		
Item 4	Pos KM, HemDirect	Pos AP, PSA, Micro, ALS	NT		
G6L7CA					
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas Press		
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press		
GR3MQK					
Item 3	Pos KM, ABACard- HemaTrace	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos	
Item 4	Pos KM, ABACard-HemaTrace	Pos AP, ABACard-p30, Micro	Neg Phadebas	Human Origin, Quantifiler Human Pos	
GTU7Q					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
H4RQP4					
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas		
HAWPZU					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Duo	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Duo	
HAXDLE					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
HAXFBH					
Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas	Human Blood	
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas	Human Blood	
HFNUVJ					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro, p30	NT		
HKEDQM					
Item 3	Pos KM, Bluestar Hexagon OBTI	Neg AP	NT		
Item 4	Pos KM, Bluestar Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
HMLFTK					
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA	NT		
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT		
HPTW33					
Item 3	Pos O-tol	Neg AP, Micro	Neg RSID-Saliva		
Item 4	Pos O-tol	Pos AP, Micro	Neg RSID-Saliva		
HU8JTZ					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
HVGKX8					
Item 3	Pos O-tol	Neg AP, ALS	NT	Human Blood, RSID Pos	
Item 4	Pos O-tol	Pos ALS, AP, PSA, Micro	Neg Amylase	Human Blood, RSID Pos	
HVUALR					
Item 3	Pos LMG	Neg AP, PSA, Micro	Neg Amylase, Micro		
Item 4	Pos LMG	Pos AP, PSA, Micro	Neg Amylase, Micro		
HXX3JW					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
HYHHFM					
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for nucleated epithelial cells		
Item 4	Pos KM	Pos AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for nucleated epithelial cells		
J2C3CH					
Item 3	Pos O-tol	Neg AP	Neg Radial Diffusion		
Item 4	Pos O-tol	Pos AP, PSA, Micro	Neg Radial Diffusion		
J2Z4H9					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
J628AV					
Item 3	Pos KM	Neg AP			
Item 4	Pos KM	Pos AP, Micro			
JFECFR					
Item 3	Pos ALS, HemaTrace	NT	NT		
Item 4	Pos HemaTrace	Pos HemaTrace, ALS, AP, p30, Micro-X-mas Tree Stain	NT		
JJWWG9					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, PSA, Micro	NT		
JPR8RD					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
JRAHCB					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
JT62FX					
Item 3	Pos KM	Neg AP			
Item 4	Pos KM	Pos AP, Micro			
JW3JFB					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
JXF9JM					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
JZLUDE					
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT		
K42NKY					
Item 3	Pos HemaTrace	Neg p30, Micro	NT		
Item 4	Pos HemaTrace	Pos p30, Micro	NT		
K8XC4R					
Item 3	Pos Hemastix	Neg Brentamine	NT		
Item 4	Pos Hemastix	Pos Brentamine	NT		
K9CPWV					
Item 3	Pos Hemident, HemaTrace	Neg ABACard p30, Micro	NT		
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Micro	NT		
K9RXUX					
Item 3	Pos KM, HemaTrace	Neg AP, PSA	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
K9YTTC					
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, HemaTrace, Pos PlexorHY	
Item 4	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID-Saliva	Human Origin, PlexorHY Pos	
KA4TGP					
Item 3	Pos O-tol, HT	Neg AP, p30	NT		
Item 4	Pos O-tol, HT	Pos AP, Micro, p30	NT		
KALNZC					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
KAMLB8					
Item 3	Pos Hem-check, Instalert	Neg Phosphatesmo, PSA	NT		
Item 4	Pos Hem-check, Instalert	Pos Phosphatesmo, PSA	NT		

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
KBH2M6				
Item 3	Pos KM; HemaTrace	Neg ALS; AP; Micro	NT	
Item 4	Pos KM; HemaTrace	Pos ALS; AP; Micro	NT	
KBH6D9				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
KDB2UF				
Item 3	Pos HemDirect	Neg AP, ALS, RSID-Semen, Micro, p30	Neg ALS, RSID-Saliva	
Item 4	Pos HemDirect	Pos AP, ALS, RSID-Semen, Micro, p30	Neg ALS, RSID-Saliva	
KE7FKE				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
KJYNPL				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
KKLEHD				
Item 3	Pos KM test	Neg AP test	NT	
Item 4	Pos KM test	Pos AP test, PSA	NT	
KPDZLZ				
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
KU3WCY				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
KXH8NG				
Item 3	Pos KM	Neg ALS, FBB, PSA	NT	
Item 4	Pos KM	Pos ALS, FBB, PSA	NT	
L2TLM8				
Item 3	Pos KM, O-tol, RSID-Blood	Neg AP*, Micro (Christmas tree), p30 (PSA)	Neg Phadebas	
Item 4	Pos KM, O-tol, HemaTrace	Pos AP, Micro (Sperm Hyliter), p30 (PSA)	Neg Phadebas	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
L4VTEY					
Item 3	Pos ABACard HemaTrace	Neg AbaCard p30, Micro	NT		
Item 4	Pos ABACard HemaTrace	Pos AbaCard p30, Micro	NT		
L6WDV8					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
L9PLTM					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
L9U6HB					
Item 3	Pos LMG	Neg AP	NT	HemaTrace, Pos	
Item 4	Pos LMG	Pos AP, p30, Microscopic	NT	HemaTrace, Pos	
LA7T3B					
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, HemaTrace, Plexor Pos HY	
Item 4	Pos KM, Takayama	Pos AP, Micro, p30	Neg RSID-Saliva	Human Origin, Plexor HY Pos	
LAR3H8					
Item 3	Pos LMG	Neg AP	NT		
Item 4	Pos LMG	Pos AP, Micro	NT		
LEHMWM					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
LLY7AU					
Item 3	Pos O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion, Amylase 1/2		
Item 4	Pos O-tol, HemDirect	Pos AP, PSA, Micro	Neg Amylase Diffusion, Amylase 1/2		
LPETQK					
Item 3	Pos KM, HemaTrace	Neg AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT		
LPYEGP					
Item 3	Pos HemaTrace	Neg p30; Micro	NT		
Item 4	Pos HemaTrace	Pos p30; Micro	NT		

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
LR6XJR				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP	NT	
LR6Z9W				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg Phadebas	
LTU7NM				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
LTZHAX				
Item 3	Pos Phenolphthalein Test	Neg ALS, Micro, p30	NT	
Item 4	Pos Phenolphthalein Test	Pos ALS, Micro	NT	
LUGJLZ				
Item 3	Pos O-tol	Neg AP perf by [Name]	NT	
Item 4	Pos O-tol	Pos AP perf by [Name]	NT	
LWHQKJ				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
LXQQWD				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, p30, Micro	NT	
M4XRG8				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg phadebus[sic]	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg phadebus[sic]	
M98P9Z				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
MAKJQL				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
MD6BZ3				
Item 3	Pos O-tol	Neg AP, p30	Neg Amylase Diffusion	
Item 4	Pos O-tol	Pos AP	Neg Amylase Diffusion	Sperm, Pos Micro

		Fluid ID				
Webcode	Blood	Semen	Saliva	Other		
MDLME2						
Item 3	Pos O-tol	Neg AP, p30, Micro (by [Name])	NT			
Item 4	Pos O-tol	Pos AP, p30, Micro (by [Name])	NT			
MN9GZW						
Item 3	Pos KM	Neg AP	Neg Amylase Radial Diffusion plate			
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion plate			
MP33R3						
Item 3	Pos KM	Neg AP	NT			
Item 4	Pos KM	Pos AP, Micro	NT			
MXBWKA						
Item 3	Pos KM	Neg ALS, AP	NT			
Item 4	Pos KM	Pos ALS, AP, Micro	NT			
MYKVQC						
Item 3	Pos LMG, Hexagon-OBTI	Neg PSA, AP, Micro	NT			
Item 4	Pos LMG, Hexagon-OBTI	Pos PSA, AP, Micro	NT			
MZUYKM						
Item 3	Pos KM	NT	NT			
Item 4	Pos KM	NT	NT			
N6Y9ZU						
Item 3	Pos KM, TMB	Neg PSA, Micro	NT			
Item 4	Pos KM, TMB	Pos PSA, Micro	NT			
NDW9Q4						
Item 3	Pos KM, O-tol, PTMB	Neg PSA	NT	Sperms, Neg Micro		
Item 4	Pos KM, ABACard® HemaTrace®	Pos AP, PSA	NT	Sperms, Pos Micro		
NFXU3						
Item 3	Pos LMG	Neg ALS, AP	NT			
Item 4	Pos LMG	Pos ALS, AP, Micro	NT			
NGGTC6						
Item 3	Pos KM, HemDirect	Neg AP	NT			
Item 4	Pos KM, HemDirect	Pos AP, Micro	NT			

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
NLPBED					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, p30	NT		
NNG3XB					
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT		
NTCU69					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	NT		
NTRPF2					
Item 3	Pos PTMB	Neg AP, Micro	NT		
Item 4	Pos PTMB	Pos AP, Micro	NT		
NUNNRZ					
Item 3	Pos PPTH, O-tol, stain color	Neg AP, Micro	NT		
Item 4	Pos PPTH, O-tol, stain color	Pos AP, Micro	NT		
NW9MUW					
Item 3	Pos HemaTrace	Neg p30 / Micro /ALS	NT		
Item 4	Pos HemaTrace	Pos p30/ Micro /ALS	NT		
P2J4WX					
Item 3	Pos KM	Neg AP, ALS	NT	Human Origin, Plexor HY Pos	
Item 4	Pos KM	Pos AP, Micro, ALS	NT	Human Origin, Plexor HY Pos	
P2KQMK					
Item 3	Pos KM	Neg AP, Micro	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
P7QNNC					
Item 3	Pos O-tol	NT	NT	ALS	
Item 4	Pos O-tol	Pos ALS, AP, Micro	Neg Micro		
PDBNEA					
Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press		
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PHNBBZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
PJXFL4				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
PJYFKH				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, p30, KPIC		
PKT2BN				
Item 3	Pos KM, HemaTrace	Neg BCIP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos BCIP, p30, Micro	Neg Phadebas	
PPL3FM				
Item 3	Pos KM, HemaTrace	Neg BCIP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos BCIP, PSA, Micro	Neg Phadebas	
PTP2QF				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, p30	NT	
Q2QU8L				
Item 3	Pos Hemastix	Neg Brentamine		
Item 4	Pos Hemastix	Pos Brentamine		
QDT7QU				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
QFDZLA				
Item 3	Pos KM, Human species testing	Neg AP, p30, Micro for Spermatozoa	Neg Amylase, Micro for nucleated epithelial cells	
Item 4	Pos KM, Human species testing	Pos AP, p30, Micro for Spermatozoa	Neg Amylase, Micro for nucleated epithelial cells	
QGEGBU				
Item 3	Pos KM	Neg AP	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion	

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
QK8ZGW				
Item 3	Pos KM, ABACard HemaTrace	Neg AP		Neg Phadebas Press test
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA, Micro		Neg Phadebas Press test
QKRHYK				
Item 3	Pos LMG	Neg AP		Neg Phadebas Paper
Item 4	Pos LMG	Pos AP		Neg Phadebas Paper
QP4C74				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro		NT
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro		NT
QPXDHK				
Item 3	Pos HemaTrace	Neg p30 y Micro		NT
Item 4	Pos HemaTrace	Pos p30 y Micro		NT
QQYU86				
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro, PSA		Neg RSID
Item 4	Pos KM, HemDirect	Pos ALS, AP, Micro		Neg RSID
QW36RH				
Item 3	Pos KM	Neg AP, Micro		NT
Item 4	Pos KM	Pos AP, Micro		NT
R3MFQ6				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro		Neg RSID
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro		Neg RSID
R4URE9				
Item 3	Pos LMG	Neg AP, PSA		NT
Item 4	Pos LMG	Pos AP, PSA		NT
RAL689				
Item 3	Pos HemDirect	Neg AP, Micro, RSID, PSA		Neg RSID
Item 4	Pos HemDirect	Pos AP, Micro, RSID, PSA		Neg RSID
RBGGA4				
Item 3	Pos KM	Neg ALS, AP		NT
Item 4	Pos KM	Pos ALS, AP, Micro		NT
RFRLTQ				
Item 3	Pos LMG	Neg AP		Neg RSID-Saliva
Item 4	Pos LMG	Pos AP, PSA		Neg RSID-Saliva

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
RGM98F					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
RH3GJP					
Item 3	Pos TMB	Neg AP, ALS	NT		
Item 4	Pos TMB	Pos ALS, AP, PSA, Micro	NT		
RR4X4Z					
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Phadebas		
Item 4	Pos KM	Pos AP, Micro, PSA	Neg Phadebas		
RTHBYN					
Item 3	Pos O-tol	Neg AP			
Item 4	Pos O-tol	Pos AP, Micro			
RVPNKW					
Item 3	Pos KM	Neg AP	NT	Human, Pos PlexorHY	
Item 4	Pos KM	Pos AP, Micro	NT	Human, Pos PlexorHY	
T6EUWU					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
TBF6UL					
Item 3	Pos Visual exam, Benzidine test, Hemoglobin test	Neg AP (Acid Phosphatase)	NT		
Item 4	Pos visual exam, Benzidine test, Hemoglobin test	Pos AP (Acid Phosphatase), PSA kit, Microscope	NT		
TBF9C4					
Item 3	Pos KM, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Plexor HY	
Item 4	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID	Human Origin, Pos Plexor HY	
TBYWX6					
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y Quant	
Item 4	Pos KM, Takayama	Pos AP, PSA, Micro	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y Quant	
TG27ZQ					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
THDYNE				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro		
TLH9C3				
Item 3	Pos KM, HemDirect	Neg ALS, AP	Neg ALS, RSID-Saliva	
Item 4	Pos KM, HemDirect	Pos ALS, AP, Micro	Neg ALS, RSID-Saliva	
TM7XDV				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
TMNVML				
Item 3	Pos Hemident, HemaTrace	Neg ABACard p30, Sperm Hy-Liter	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-Liter	NT	
TPCLFD				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
TTTWLV				
Item 3	Pos PPTH, O-tol, Red-brown color	Neg AP, Micro, ALS	NT	
Item 4	Pos PPTH, O-tol, Red-brown color	Pos AP, Micro, ALS	NT	
TVZWZA				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase, Micro	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase, Micro	
TZC62E				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
U9MJRM				
Item 3	Pos O-tol	Neg AP	Neg Phadebas	
Item 4	Pos O-tol	Pos AP, Micro	Neg Phadebas	
UDYJW2				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
UET3ZN					
Item 3	Pos TMB, KM	Neg AP, Micro, PSA	Neg RSID		
Item 4	Pos TMB, KM	Pos AP, Micro, PSA	Neg RSID		
UGKACX					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		
UJ9LAH					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA Quantifiler Duo Detected, Pos	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA Quantifiler Duo Detected, Pos	
UJKNC9					
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT		
Item 4	Pos Hemastix, HemaTrace	Pos AP, PSA, Micro	NT		
ULVALH					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP	NT		
UM6837					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, PSA, Micro	NT		
UNFHAA					
Item 3	Pos KM, Hexagon OBTI	Neg AP	NT		
Item 4	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen, PSA	NT		
UW7BRV					
Item 3	Pos HemaTrace	Neg Micro	NT		
Item 4	Pos HemaTrace	Pos Micro	NT		
UXQB9K					
Item 3	Pos Hemident, HemaTrace	Neg ABACard p30, Micro	NT		
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Micro	NT		
UY2BB7					
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas Press test		
Item 4	Pos KM, ABACard	Pos AP, PSA	Neg Phadebas Press Test		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UYE22C				
Item 3	Pos LMG	Neg AP, Micro, PSA	NT	
Item 4	Pos LMG	Pos AP, Micro, PSA	NT	
UZRNL				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
V47HYN				
Item 3	Pos KM	Neg ALS, Micro, p30	NT	
Item 4	Pos KM	Pos ALS, Micro	NT	
V9ZLV2				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
VB4EFY				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
VCYXJL				
Item 3	Pos KM, Hemastix, HemaTrace	Neg AP, PSA		
Item 4	Pos KM, Hemastix, HemaTrace	Pos AP, PSA, Micro		
VDTNPZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
VE2XFC				
Item 3	Pos LMG	Neg AP, PSA, Microscopy	NT	
Item 4	Pos LMG	Pos AP, PSA, Microscopy	NT	
VFJP6P				
Item 3	Pos KM	Neg AP	Neg Amylase Radial Diffusion plate	
Item 4	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion plate	
VKB7AM				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
VP7QAD					
Item 3	Pos LMG, HemaTrace, ALS	Neg AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace, ALS	Pos AP, Micro, PSA	NT		
VUEA97					
Item 3	Pos O-tol	Neg ALS, AP, Micro, p30	Neg Amylase Diffusion		
Item 4	Pos O-tol	Pos ALS, AP, Micro, p30	Neg Amylase Diffusion		
VWLK9F					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Pos AP, PSA			
VWLPJH					
Item 3				male DNA, Neg Y-screening	
Item 4				male DNA, Pos Y-screening	
VX2YKV					
Item 3	Pos KM, RSID-Blood, HemaTrace	Neg Micro (CT stain), p30	Neg Phadebas	Urine, Negative; RSID-Urine: Fecal, Negative Urobilinogen	
Item 4	Pos KM, RSID-Blood HemaTrace	Pos AP, Micro (*SH -stain:CT stain), p30	Neg Phadebas		
VXZ3D7					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
VZPD6Y					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT		
W2CEJL					
Item 3	Pos KM	Neg Micro, p30, ALS	NT		
Item 4	Pos KM	Pos Micro, ALS	NT		
W382XB					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
W86AT7					
Item 3	Pos HemDirect	Neg ALS, AP, Micro, RSID-Semen, ABACard p30	Neg RSID-Saliva		
Item 4	Pos HemDirect	Pos ALS, AP, Micro, RSID-Semen, ABACard p30	Neg RSID-Saliva		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
W9GYZP				
Item 3	Pos O-tol	Neg AP, ALS, Micro	Neg RSID	
Item 4	Pos O-tol	Pos AP, Micro	Neg RSID	
WACKRV				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
WCT3DK				
Item 3	Pos KM, HemaTrace			
Item 4	Pos KM, HemaTrace	Pos AP, Microscopy		
WDMTJZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
WGBEGG				
Item 3	Pos Hemident, HemaTrace	Neg ABACard p30, Sperm Hy-Liter Express Staining	NT	
Item 4	Pos Hemident, HemaTrace	Pos ABACard p30, Sperm Hy-Liter Express Staining	NT	
WL8TBX				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
WN82GT				
Item 3	Pos O-tol, RSID	Neg AP		
Item 4	Pos O-tol, RSID	Pos AP, PSA		Spermatazoa, Pos Micro
WNDGPN				
Item 3	Pos O-tol	Neg AP (x2), Micro, ALS	Neg RSID	
Item 4	Pos O-tol	Pos AP (x2), Micro, ALS	Neg RSID	
WR8BMP				
Item 3	Pos O-tol	Neg AP, Micro, p30 ABACard	Neg Amylase	
Item 4	Pos O-tol	Pos AP, Micro, p30 ABACard	Neg Amylase	
WYRCU2				
Item 3	Pos immunochromatography-Human Blood	Neg Micro		
Item 4	Pos immunochromatography-Human Blood	Pos Micro		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XAK9DE				
Item 3	Pos O-tol	Neg PSA	Neg RSID	
Item 4	Pos O-tol	Pos PSA, AP	Neg RSID	
XAQ9MV				
Item 3	Pos KM, HemaTrace	Neg AP, p30	NT	
Item 4	Pos KM, HemaTrace	Pos AP, p30, Micro	NT	
XBEU6K				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
XEHRFD				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Pos AP, Micro	NT	
XHXBK2				
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
XJBH94				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
XK6GVG				
Item 3	Pos FOB	Neg PSA	NT	
Item 4	Pos FOB	Pos BSA	NT	
XMUTT2				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP	NT	
XN6P3C				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
XRMU72				
Item 3	Pos KM, ABA	Neg AP	Neg Phad	
Item 4	Pos KM, ABA	Pos AP, PSA	Neg Phad	
XV6YX6				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
XVNVYJ					
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro	NT		
Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro	NT		
XWD3GU					
Item 3	Pos RSID	Neg RSID	NT		
Item 4	Pos RSID	Pos RSID	NT		
XXNAH3					
Item 3	Pos LMG	Neg SM, PSA	NT		
Item 4	Pos LMG	Pos SM, PSA	NT		
Y27JDL					
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva		
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva		
Y6BD2H					
Item 3	Pos LMG	Neg AP			
Item 4	Pos LMG	Pos AP, Micro			
Y72JJU					
Item 3	Pos KM, HemDirect	Neg AP, PSA, ALS	NT		
Item 4	Pos KM, HemDirect	Pos AP(+), ALS (neg), PSA (+), Micro (+)	NT		
YDLHA3					
Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press		
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press		
YEULXY					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, p30	NT	Sperm, Pos Micro	
YFPG48					
Item 3	Pos Hemastix	Neg AP	NT		
Item 4	Pos Hemastix	Pos AP	NT		
YFQ8EW					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YLRHA4				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
YQ3QJK				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
YR4CLR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
YRJLN2				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
YULKH7				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Pos AP, PSA, Micro	NT	
YYGDUA				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
YYHEC2				
Item 3	Pos LMG	Neg AP, PSA	Neg SALIgAE, RSID-Sal	
Item 4	Pos LMG	Pos AP, PSA	Neg SALIgAE, RSID-Sal	
YZYCX				
Item 3	Pos KM, Seratec HemDirect	Neg AP, Micro	NT	
Item 4	Pos KM, Seratec HemDirect	Pos AP, Micro	NT	
Z2KPR2				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg ARD, Micro for e-cells	
Item 4	Pos KM	Pos AP, Micro for Sperm	Neg ARD, Micro for e-cells	
Z4QVMB				
Item 3	Pos HemaTrace	Neg PSA, Micro	NT	
Item 4	Pos HemaTrace	Pos PSA, Micro	NT	

Fluid ID					
Webcode	Blood	Semen	Saliva	Other	
ZADMU4					
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Abacus p30	NT		
ZGA8PR					
Item 3	Pos KM	Neg ALS, AP, PSA, Micro			
Item 4	Pos KM	Pos ALS, AP, PSA, Micro			
ZGD68V					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT		
ZGD8WY					
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT		
ZGHKEU					
Item 3	Pos KM	Neg ALS, AP, Micro, PSA	NT		
Item 4	Pos KM	Pos ALS, AP, Micro	NT		
ZGYLGW					
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, HemaTrace, Plexor Pos HY	
Item 4	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID-Saliva	Human Origin, Plexor HY Pos	
ZGZJNK					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas		
ZH8YWC					
Item 3	Pos KM	Neg BCIP	Neg Phadebas		
Item 4	Pos KM	Pos BCIP, PSA, Micro	Neg Phadebas		
ZH9MBG					
Item 3	Pos KM, TMB	Neg PSA, Micro	NT		
Item 4	Pos KM, TMB	Pos PSA, Micro	NT		
ZRDQHZ					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Pos AP, Micro	NT		

Fluid ID				
Webcode	Blood	Semen	Saliva	Other
ZVHGMU				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	NT	

**Table 1: Serology Screening
Response Summary**

Item 3

Participants: **343**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	342	0	0
Negative	0	324	93
Inconclusive	0	0	0
Not Tested (NT)	0	17	235
Not Reported	1	2	15

**Table 1: Serology Screening
Response Summary**

Item 4

Participants: **343**

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	342	328	0
Negative	0	0	101
Inconclusive	0	0	1
Not Tested (NT)	0	14	220
Not Reported	1	1	21

Amplification Kit(s) & STR Results

TABLE 2

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

Item 1 - STR Results

23RCU9	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3,9.3	8,8	16,16
2DD7G3	Identifiler® Plus						
	1	n/a	17,22	n/a	16,16	11,12	9,13
		12,17	n/a	n/a	12,13	9,9	13,16
		12,13	28,32.2	n/a	X,X	10,14,[15]	22,23
		n/a	n/a	n/a	9.3,9.3	8,8	16,16
2GBUQH	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16
2JXGD4	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
2KED4H	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
2RTGTW	GlobalFiler Express						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
			14,28.2	9.3	8	16	
2YCR2Q	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

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

Item 1 - STR Results

2YYLQ	Identifiler® Plus, MiniFiler							
	1		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14,15	22,23	
				9.3	8		16	
37QTYF	Identifiler® Plus							
	1		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14	22,23	
				9.3	8		16	
3APG8A	Identifiler® +							
	1		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9.3,9.3	8,8		16,16	
3B6D2U	PowerPlex® HS							
	1				16	11,12	9,13	
		12,17			12,13	9	13,16	
			28,32.2		X	10,14	22,23	
				10,11	12	9.3	8	16
3E8ARP	Identifiler® Plus, MiniFiler							
	1		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14,15	22,23	
				9.3	8		16	
3H39X8	Identifiler® Plus							
	1		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14	22,23	
				9.3	8		16	
3MCLGR	PowerPlex® 16 HS							
	1				16	11,12	9,13	
		12,17			12,13	9	13,16	
			28,32.2		X	10,14	22,23	
				10,11	12	9.3	8	16

TABLE 2

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

3N84G8	PowerPlex® 16						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
3UTYHB	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
3W34VZ	Identifiler® Plus, MiniFiler						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
42UQA7	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
436HBA	Identifiler®						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9,3	8	16
49EKRW	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
4AQJJK	PowerPlex® HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9,3	8	16	

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

4EKG CW	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
				9,3,9.3	8,8	16,16	
4FRP8B	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
4JX44G	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
4LXAK8	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
4NKXW8	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
				9,3,9.3	8,8	16,16	
4QDW2X	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
4ZLC6K	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
64EX6M	Identifiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
64FJW9	Profiler® Plus						
	1				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
							16,16
6649YZ	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
68WVZ4	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
6ALGED	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
6JL2M8	Identifiler Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
6LBCH7	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16

TABLE 2

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

Item 1 - STR Results

6LWUPL	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
6N2H8X	Identifiler® Plus, Profiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6NF3LZ	PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
	10,11	12		9.3	8	16	
6NNQHM	Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6NZLPL	Identifiler® Direct						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
6QPXG6	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[15]	22,23
				9.3	8	16	
6QQNRU	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
				9.3,9.3	8,8	16,16	

TABLE 2

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

6RKJ8B	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6TYV3A	Globalfiler						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
766AFR	Identifiler® Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
769YTP	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
7AEQQ2	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
7C8KKP	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[inc]	22,23
				9.3	8	16	
7MP66L	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 1 - STR Results

7QMQRH	PowerPlex® HS, Fusion	1	15,15.3	17,22	10,14	16	11,12	9,13
			12,17	13,15	19,20	12,13	9	13,16
			12,13	28,32.2	15,16	X	10,14	22,23
			10,11	12		9.3	8	16
7TCQC9	PowerPlex® 21	1	15,15.3	17,22		16,16	11,12	9,13
			12,17		19,20	12,13	9,9	13,16
			12,13	28,32.2		X,X	10,14	22,23
			10,11	12,12		9.3,9.3	8,8	16,16
7TPKGM	Identifiler® Plus	1	-	17,22	-	16	11,12	9,13
			12,17	-	-	12,13	9	13,16
			12,13	28,32.2	-	X	10,14	22,23
			-	-	-	9.3	8	16
7Y6RF8	PowerPlex® 21	1	15,15.3	17,22		16,16	11,12	9,13
			12,17		19,20	12,13	9,9	13,16
			12,13	28,32.2		X,X	10,14	22,23
			10,11	12,12		9.3,9.3	8,8	16,16
84PBV3	Identifiler® Plus	1		17,22		16,16	11,12	9,13
			12,17			12,13	9,9	13,16
			12,13	28,32.2		X,X	10,14	22,23
						9.3,9.3	8,8	16,16
87CVXQ	Identifiler® Plus	1		17,22		16,16	11,12	9,13
			12,17			12,13	9,9	13,16
			12,13	28,32.2		X,X	10,14	22,23
						9.3,9.3	8,8	16,16
887XA9	Identifiler® Plus	1		17,22		16	11,12	9,13
			12,17			12,13	9	13,16
			12,13	28,32.2		X	10,14	22,23
						9.3	8	16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
8AV6U6	Identifiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
8F4EAD	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
8HAY2K	Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
8HP839	Globalfiler						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
8MGMEL	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16
8NA8FZ	Identifiler® Plus, PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12	NT	9.3	8	16
8RRKZM	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

Item 1 - STR Results

8TJNM3	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
8W4FUY	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
8W6GQH	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
8XM6DJ	PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
8YR8Q2	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
973PHZ	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
98679J	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

Item 1 - STR Results

9AUFFZ	PowerPlex® 16						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14,15	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
9B6ECU	PowerPlex® Fusion, HS						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
9C2QEN	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
				9.3	8	16	
9CZZ4Z	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
9F2YKK	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
				9.3	8	16	
9G8HCZ	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
9JV6VF	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
				9,3,9.3	8,8	16,16	

TABLE 2

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

9L8V76	PowerPlex® 21 system kit						
	1	15,15.3	17,22		16,16	11,12	9,13
		12,17		19,20	12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
	10,11	12,12		9,3,9.3	8,8	16,16	
9QVGTX	Globalfiler						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
			14,28.2	9,3,9.3	8,8	16,16	
9TH76X	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
9UVQYT	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
9ZKB3A	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
A8ZDMG	Identifiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
AAKCTY	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 1 - STR Results

AAPFV	Identifiler® Direct, PowerPlex® ESX 17						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9,3,9.3	8,8	16,16
AGR2C	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[15]	22,23
					9.3	8	16
AHFAJ8	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
AKP8YB	Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
ALH2YZ	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
AR7JGH	PP16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
ATZ8XR	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16

TABLE 2

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

AZEFW9	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
B236PZ	Identifiler® Plus						
	1	n/a	17,22	n/a	16,16	11,12	9,13
		12,17	n/a	n/a	12,13	9,9	13,16
		12,13	28,32.2	n/a	X,X	10,14	22,23
		n/a	n/a	n/a	9.3,9.3	8,8	16,16
B2HLKT	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
B8GMFH	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
B8UE4T	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
BAKKM4	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
BDZ3Q8	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 1 - STR Results

BEUKZV	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
BF32NT	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12	9.3	8	16	
BJLU42	PowerPlex® HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12	9.3	8	16	
BN2DDV	Globalfiler						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9,3,9.3	8,8	16,16
BQN2PW	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
BTYPG9	Identifiler®						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
C3ECCT	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

TABLE 2

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

Item 1 - STR Results

C8CPHR	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
CB9DWD	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
CE9GWM	Identifiler® Direct						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	XX	10,14	22,23
		-	-	-	9.3	8	16
CHQQUQ	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	XX	10,14	22,23
		-	-	-	9.3,9.3	8,8	16,16
CHTCRR	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
CL94FZ	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
CRF9TT	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
	10,11	12		9.3	8	16	

TABLE 2

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

Item 1 - STR Results

D3DT9Q	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
D9ZF6G	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
DCE82C	PowerPlex® 16,18D						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
DCWD8T	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
DDCDQH	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
DN TD37	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
DQZLEC	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
DUYVHY	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
DW2XYM	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
DXJTWG	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
EBQW2B	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
EC9CVB	PowerPlex® 16						
	1				16	11,12	9 [^] ,13 [^]
		12,17			12,13	9	13 [^] ,16 [^]
			28 [^] ,32.2 [^]		X	10 [^] ,14 [^]	22 [^] ,23 [^]
		10 [^] ,11 [^]	12 [^]		9.3	8	16
EE3V7P	Identifiler® Identifiler Plus, MiniFiler						
	1	NT	17,22	NT	16,16	11,12	9,13
		12,17	NT	NT	12,13	9,9	13,16
		12,13	28,32.2	NT	X,X	10,14,[15]*	22,23
		NT	NT	NT	9,3,9.3	8,8	16,16
EH3CCR	Identifiler® Plus						
	1	NA	17,22	NA	16	11,12	9,13
		12,17	NA	NA	12,13	9	13,16
		12,13	28,32.2	NA	X	10,14	22,23
		NA	NA	NA	9.3	8	16

TABLE 2

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

Item 1 - STR Results

EP326C	PowerPlex® 16HS, ESX17						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
		10,11	12,12	14,28.2	9.3,9.3	8,8	16,16
EU3LCM	Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
EUYDVM	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3,9.3	8,8	16,16
EW2B7F	PowerPlex® HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
EXFL9E	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
				9.3	8	16	
EZ34FE	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
F6UQM8	Identifiler®						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16

TABLE 2

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

Item 1 - STR Results

F7NF48	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[15]	22,23
				9.3	8		16
FGJRZT	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
FHHXCL	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
FQWMAU	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
G3NNB2	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
G4DVTC	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3	8		16
G6L7CA	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
				9.3,9.3	8,8		16,16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
GECHR8	Identifiler®						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
GPAP68	Identifiler®						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
GR3MQK	Identifiler® Plus, Profiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
GTU7Q	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
H4RQP4	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
HAWPZU	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
HAXDLE	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16

TABLE 2

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

HAXFBH	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
HET3V7	Identifiler®						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	9.3	8	16	
HFNUVJ	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
HKEDQM	Identifiler® Direct, PowerPlex® ESX 17						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
			14,28.2	9,3,9.3	8,8	16,16	
HMLFTK	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
	10,11	12		9.3	8	16	
HPTW33	Identifiler® Plus						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	9.3	8	16	
HU8JTZ	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 1 - STR Results

HVGKX8	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
HVUALR	Identifiler® Plus						
	1	NT	17,22	NT	16,16	11,12	9,13
		12,17	NT	NT	12,13	9,9	13,16
		12,13	28,32.2	NT	X,X	10,14	22,23
		NT	NT	NT	9.3,9.3	8,8	16,16
HXX3JW	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3	8	16	
HYHHFM	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
J2C3CH	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
J2Z4H9	Identifiler® Plus						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
J628AV	Identifiler® Direct						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	

TABLE 2

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

JAV7L7	Identifiler®						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
JFE CFR	PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
		10,11	12,12		9.3,9.3	8,8	16,16
JPR8RD	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
JRAHCB	Identifiler® Plus						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
JT62FX	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3	8	16
JW3JFB	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
JXF9JM	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16

TABLE 2

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

Item 1 - STR Results

K42NKY	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
K8XC4R	Profiler® Plus						
	1				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
							16,16
K9CPWV	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
K9RXUX	Identifiler® Direct						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
K9YTTC	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
KA4TGP	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
KALNZC	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

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

Item 1 - STR Results

KAMLB8	Essplex Plus						
	1	15,15.3	17,22	10,14	16,16		
		12,17	13,15	19,20		9,9	13,16
		12,13	28,32.2	15,16	X,X		22,23
				9.3,9.3			16,16
KBH2M6	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
KBH6D9	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
KDB2UF	PowerPlex® HS, Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
	10,11	12		9.3	8	16	
KE7FKE	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
KJYNPL	PowerPlex®						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14,15	22,23
	10,11	12,12		9.3,9.3	8,8	16,16	
KKLEHD	Identifiler® Direct						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
	-	-	-	9.3	8	16	

TABLE 2

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

Item 1 - STR Results

KPDZL	Identifiler Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
KU3WCY	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	[10],[14],15*	22,23
				9,3,9.3	8,8	16,16	
KXH8NG	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
L2TLM8	Identifiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
L4VTEY	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
L6WDV8	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
L9PLTM	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
L9U6HB	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12		9.3	8	16
LA7T3B	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
LAR3H8	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
LEHMWM	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
LLY7AU	Identifiler® Identifiler Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3	8	16
LPETQK	GlobalFiler Express						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
LPYEGP	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
LR6XJR	PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
LR6Z9W	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16
LTU7NM	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
LTZHAX	PowerPlex® 16						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
LUGJLZ	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
LWHQKJ	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12		9.3	8	16
M4XRG8	PowerPlex® Fusion Direct						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

M98P9Z	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
MAKJQL	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
MD6BZ3	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
MDLME2	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
MN9GZW	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
				9.3,9.3	8,8	16,16	
MP33R3	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
MXBWKA	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
MYKVQC	Investigator ESS PLEX Plus						
	1	15,15.3	17,22	10,14	16,16		
		12,17	13,15	19,20		9,9	13,16
		12,13	28,32.2	15,16	X,X		22,23
					9,3,9.3		16,16
MZUYKM	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
N6Y9ZU	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
N7TY7A	PowerPlex®						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
NDW9Q4	PowerPlex® FUSION						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
NFNXU3	Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3	8	16
NGGTC6	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
NLPBED	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
NTCU69	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
NTRPF2	Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
NUNNRZ	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
					9.3,9.3	8,8	16,16
NW9MUW	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16
P2J4WX	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
P2KQMK	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16

TABLE 2

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

Item 1 - STR Results

P7QNNC	Identifiler® , MiniFiler						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
PDBNEA	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
				9,3,9.3	8,8	16,16	
PHNBBZ	PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12	9.3	8	16	
PJXFL4	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
PJYFKH	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12	9.3	8	16	
PKT2BN	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
PPL3FM	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

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

Item 1 - STR Results

PTP2QF	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
PUJLGL	Identifiler Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
Q2QU8L	COfiler® and Profiler Plus®						
	1				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
						16,16	
QDT7QU	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
QFDZLA	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
	-	-	-	9.3,9.3	8,8	16,16	
QGEGBU	Identifiler®						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14,15	22,23
	-	-	-	9.3,9.3	8,8	16,16	
QK8ZGW	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
				9.3,9.3	8,8	16,16	

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

QKRHYK	PowerPlex® ESIFAST							
	1	15,15.3	17,22	10,14	16,16			
		12,17	13,15	19,20		9,9	13,16	
		12,13	28,32.2	15,16	X,X		22,23	
			14,28.2	9,3,9.3			16,16	
QP4C74	Identifiler® Plus							
	1		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14,15	22,23	
				9.3	8		16	
QPXDHK	Identifiler®							
	1	N/A	17,22	N/A	16,16	11,12	9,13	
		12,17	N/A	N/A	12,13	9,9	13,16	
		12,13	28,32.2	N/A	X,X	10,14	22,23	
		N/A	N/A	N/A	9,3,9.3	8,8	16,16	
QQYU86	Identifiler® Plus							
	1		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9,3,9.3	8,8		16,16	
QW36RH	Identifiler® Plus							
	1		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9,3,9.3	8,8		16,16	
R3MFQ6	Identifiler® Plus							
	1		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9,3,9.3	8,8		16,16	
R4URE9	Identifiler® Plus, PowerPlex® HS							
	1		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14	22,23	
				10,11	12	9,3	8	16

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

Item 1 - STR Results

RAL689	PowerPlex® 16 HS, Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
RBGGA4	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
RFRLTQ	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
RGM98F	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
RH3GJP	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		XX	10,14	22,23
				9.3,9.3	8,8	16,16	
RR4X4Z	Identifiler® Direct						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	XX	10,14	22,23
		-	-	9.3,9.3	8,8	16,16	
RTHBYN	PowerPlex® HotStart						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		XX	10,14	22,23
		10,11	12,12		9.3,9.3	8,8	16,16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
RVPNKW	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
T6EUWU	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
TBF6UL	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
TBF9C4	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
TBYWX6	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
TG27ZQ	ID+						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
THDYNE	Identifiler Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
					9,3,9.3	8,8	16,16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
TM7XDV	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
TMNVML	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
TPCLFD	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3,9.3	8,8	16,16
TTTWLV	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
					9.3,9.3	8,8	16,16
TVZWZA	Identifiler® Plus						
	1	NA	17,22	NA	16,16	11,12	9,13
		12,17	NA	NA	12,13	9,9	13,16
		12,13	28,32.2	NA	X,X	10,14	22,23
		NA	NA	NA	9.3,9.3	8,8	16,16
TZC62E	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
TZRBG4	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16

TABLE 2

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

Item 1 - STR Results

U9MJRM	PowerPlex® 16 HS	1			16,16	11,12	9,13
			12,17		12,13	9,9	13,16
				28,32.2	X,X	10,14	22,23
			10,11	12,12	9,3,9.3	8,8	16,16
UET3ZN	Identifiler® Plus	1		17,22	16,16	11,12	9,13
			12,17		12,13	9,9	13,16
			12,13	28,32.2	X,X	10,14	22,23
					9,3,9.3	8,8	16,16
UGKACX	PowerPlex® Fusion	1	15,15.3	17,22	10,14	16	11,12
			12,17	13,15	19,20	12,13	9
			12,13	28,32.2	15,16	X	10,14
			10,11	12	9,3	8	16
UJ9LAH	Identifiler®	1		17,22	16	11,12	9,13
			12,17		12,13	9	13,16
			12,13	28,32.2	X	10,14	22,23
					9,3	8	16
UJKNC9	Identifiler® Plus	1	n/a	17,22	n/a	16,16	11,12
			12,17	n/a	n/a	12,13	9,9
			12,13	28,32.2	n/a	X,X	10,14,[15]*
			n/a	n/a	n/a	9,3,9.3	8,8
ULVALH	Identifiler®	1		17,22	16,16	11,12	9,13
			12,17		12,13	9,9	13,16
			12,13	28,32.2	X,X	10,14,(15)	22,23
					9,3,9.3	8,8	16,16
UM6837	Identifiler® ID Plus	1		17,22	16	11,12	9,13
			12,17		12,13	9	13,16
			12,13	28,32.2	X	10,14	22,23
					9,3	8	16

TABLE 2

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

UNFHAA	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
UW7BRV	GlobalFiler						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
			14,28.2	9,3,9.3	8,8	16,16	
UXQB9K	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9,3	8	16	
UY2BB7	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
UYE22C	Identifiler® Plus						
	1	n/t	17,22	n/t	16,16	11,12	9,13
		12,17	n/t	n/t	12,13	9,9	13,16
		12,13	28,32.2	n/t	X,X	10,14	22,23
		n/t	n/t	n/t	9,3,9.3	8,8	16,16
UZRNLC	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
V47HYN	PowerPlex® 16						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,[14]	22,23
	10,11	12,12		9,3,9.3	8,8	16,16	

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

Item 1 - STR Results

V9ZLV2	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
VB4EFY	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
VCYXJL	Identifiler® Direct						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
VDTNPZ	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
VE2XFC	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
VFJP6P	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
VKB7AM	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 1 - STR Results

VNWMUT	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
VP7QAD	Identifiler® Plus						
	1	NT	17,22	NT	16,16	11,12	9,13
		12,17	NT	NT	12,13	9,9	13,16
		12,13	28,32.2	NT	X,X	10,14	22,23
		NT	NT	NT	9.3,9.3	8,8	16,16
VQFTZH	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
VUEA97	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
VWLK9F	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
VWLPJH	PowerPlex® HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
VX2YKV	Identifiler® Plus, MiniFiler						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
VXZ3D7	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16
VZPD6Y	PowerPlex® HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
W2CEJL	PowerPlex® 16						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	INC	22,23
		10,11	12,12		9.3,9.3	8,8	16,16
W382XB	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
W86AT7	PowerPlex® 16 HS, Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
W9GYZP	Identifiler® Plus						
	1	NA	17,22	NA	16	11,12	9,13
		12,17	NA	NA	12,13	9	13,16
		12,13	28,32.2	NA	X	10,14,[15]	22,23
		NA	NA	NA	9.3	8	16
WACKRV	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
WCT3DK	Identifiler® Plus						
	1	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
WDMTJZ	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
WGBEGG	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WL8TBX	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WN82GT	Identifiler Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WNDGPN	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WR8BMP	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16

TABLE 2

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

WYRCU2	PowerPlex® Fusion, 16 HS y ESX 17						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
	10,11	12		9.3	8	16	
XAK9DE	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
				9.3,9.3	8,8	16,16	
XAQ9MV	PowerPlex® Fusion, 16 HS						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
	10,11	12		9.3	8	16	
XBEU6K	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
XEHRFD	Identifiler® Plus, PowerPlex® 18D						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
XFTE8Z	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
XHXBK2	GlobalFiler Express						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
			14,28.2	9.3	8	16	

TABLE 2

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

Item 1 - STR Results

XJBH94	ID+						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
XK6GVG	Identifiler® Plus, PowerPlex® 21						
	1	15,15.3	17,22		16	11,12	9,13
		12,17		19,20	12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
XMUTT2	Identifiler® Direct						
	1	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3	8	16
XN6P3C	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
XRMU72	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
XV6YX6	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
XVNVYJ	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

Item 1 - STR Results

XWD3GU	PowerPlex® 16						
	1				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
XXNAH3	Identifiler® Plus, PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
Y27JDL	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
Y6BD2H	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
Y72JJU	Identifiler® Identifiler Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
YDLHA3	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
YEULXY	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

Item 1 - STR Results

YFPG48	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
YFQ8EW	Identifiler® Direct						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
YLRHA4	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14,15	22,23
		10,11	12		9.3	8	16
YQ3QJK	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
YR4CLR	PowerPlex® Fusion						
	1	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
YRJLN2	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
YULKH7	Identifiler® Plus						
	1	NA	17,22	NA	16	11,12	9,13
		12,17	NA	NA	12,13	9	13,16
		12,13	28,32.2	NA	X,X	10,14	22,23
		NA	NA	NA	9.3	8	16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 1 - STR Results							
YYGDUA	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
YYHEC2	Identifiler® Plus, PowerPlex® HS						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
YZYCYX	Identifiler®						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
Z2KPR2	Identifiler® Plus, MiniFiler						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
Z4QVMB	Identifiler®						
	1	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
ZADMU4	PowerPlex® 16						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14,15	22,23
		10,11	12		9.3	8	16
ZGD8WY	GlobalFiler						
	1	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9,3,9.3	8,8	16,16

TABLE 2

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

ZGHKEU	Identifiler® DIRECT						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
					9.3	8	16
ZGYLGW	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
					9.3,9.3	8,8	16,16
ZGZJNK	Identifiler® Plus						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
ZH8YWC	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
ZH9MBG	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
ZN2VNN	Identifiler®						
	1		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
ZRDQHZ	Identifiler® Plus						
	1		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16

TABLE 2

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

Item 1 - STR Results

ZVHGMU	PowerPlex® 16 HS						
	1				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

23RCU9	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15,2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
2DD7G3	Identifiler® Plus						
	2	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15,2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17
2GBUQH	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15,2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
2JXGD4	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
2KED4H	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
2RTGTW	GlobalFiler Express						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15,2,16	28,31.2	15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
2YCR2Q	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

2YYYLQ	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
37QTYF	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
3APG8A	Identifiler® +						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
3B6D2U	PowerPlex® HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15	9,10	8,11	14,17	
3E8ARP	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
3H39X8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
3MCLGR	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15	9,10	8,11	14,17	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
3N84G8	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3UTYHB	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
3W34VZ	Identifiler® Plus, MiniFiler						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
42UQA7	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
436HBA	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
49EKRW	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
4AQJJK	PowerPlex® HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

4EKGCW	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
4FRP8B	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
4JX44G	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
4LXAK8	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
4NKXW8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
4QDW2X	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
4ZLC6K	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17

TABLE 2

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

Item 2 - STR Results

64EX6M	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
64FJW9	Profiler® Plus						
	2				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
6649YZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
68WVZ4	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6ALGED	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6JL2M8	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6LBCH7	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
				9,10	8,11	14,17	
		N/A	N/A	N/A			

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

Item 2 - STR Results

6LWUPL	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
6N2H8X	Identifiler® Plus, Profiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6NF3LZ	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
6NNQHM	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6NZLPL	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6QPXG6	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6QQNRU	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

6RKJ8B	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6TYV3A	Globalfiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
766AFR	Identifiler® Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
769YTP	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
7AEQQ2	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
7C8KKP	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
7MP66L	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

7QMQRH	PowerPlex® HS, Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
7TCQC9	PowerPlex® 21						
	2	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
7TPKGM	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
7Y6RF8	PowerPlex® 21						
	2	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
84PBV3	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
87CVXQ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
887XA9	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 2 - STR Results							
8AV6U6	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
8F4EAD	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
8HAY2K	Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8HP839	Globalfiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
8MGMEL	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
8NA8FZ	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15	NT	9,10	8,11	14,17
8RRKZM	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

8TJNM3	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8W4FUY	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8W6GQH	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8XM6DJ	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8YR8Q2	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
973PHZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
98679J	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

9AUFFZ	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9B6ECU	PowerPlex® Fusion, HS						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9C2QEN	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9CZZ4Z	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9F2YKK	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9G8HCZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9JV6VF	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

9L8V76	PowerPlex® 21 system kit						
	2	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9QVGTX	Globalfiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
9TH76X	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9UVQYT	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9ZKB3A	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
A8ZDMG	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
AAKCTY	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 2 - STR Results

AAPFV	Identifiler® Direct, PowerPlex® ESX 17						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
AGR2C	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AHFAJ8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AKP8YB	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ALH2YZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AR7JGH	PP16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ATZ8XR	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

AZEFW9	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
B236PZ	Identifiler® Plus						
	2	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17
B2HLKT	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
B8GMFH	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
B8UE4T	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BAKKM4	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BDZ3Q8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

BEUKZV	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BF32NT	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BJLU42	PowerPlex® HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BN2DDV	Globalfiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
BQN2PW	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BTYPG9	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
C3ECCT	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

C8CPHR	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CB9DWD	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CE9GWM	Identifiler® Direct						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
CHQQUQ	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
CHTCRR	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CL94FZ	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CRF9TT	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
		9,13	11,15				

TABLE 2

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

Item 2 - STR Results

D3DT9Q	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
D9ZF6G	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
DCE82C	PowerPlex® 16, 18D						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
DCWD8T	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
DDCDQH	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
DNTD37	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
DQZLEC	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

DUYVHY	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DW2XYM	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DXJTWG	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
EBQW2B	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
EC9CVB	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
EE3V7P	Identifiler® Identifiler Plus, MiniFiler						
	2	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
	NT	NT	NT	9,10	8,11	14,17	
EH3CCR	Identifiler® Plus						
	2	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
	NA	NA	NA	9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

EP326C	PowerPlex® 16HS, ESX17						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
EU3LCM	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
EUYDVM	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
EW2B7F	PowerPlex® HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
EXFL9E	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
EZ34FE	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
F6UQM8	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

F7NF48	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FGJRZT	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FHHXCL	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FQWMAU	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
G3NNB2	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
G4DVTC	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
G6L7CA	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

GECRH8	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
GPAP68	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
GR3MQK	Identifiler® Plus, Profiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
GTU7Q	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
H4RQP4	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HAWPZU	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
HAXDLE	Identifiler® DIRECT						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

HAXFBH	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HET3V7	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	9,10	8,11	14,17	
HFNUVJ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HKEDQM	Identifiler® Direct, PowerPlex® ESX 17						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
HMLFTK	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
HPTW33	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	9,10	8,11	14,17	
HU8JTZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 2 - STR Results

HVGKX8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HVUALR	Identifiler® Plus						
	2	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
		NT	NT	NT	9,10	8,11	14,17
HXX3JW	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HYHHFM	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
J2C3CH	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
J2Z4H9	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
J628AV	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

JAV7L7	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
JFECFR	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
JPR8RD	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
JRAHCB	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
JT62FX	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
JW3JFB	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
JXF9JM	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

K42NKY	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15,2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
K8XC4R	Profiler® Plus						
	2				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
K9CPWV	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
K9RXUX	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
K9YTTC	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KA4TGP	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KALNZC	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 2 - STR Results

KAMLB8	Essplex Plus						
	2	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12,12	15,17
		15.2,16	28,31.2	15,15	X,Y		20,21
				9,10			14,17
KBH2M6	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
KBH6D9	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KDB2UF	PowerPlex® HS, Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
KE7FKE	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KJYNPL	PowerPlex®						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
KKLEHD	Identifiler® Direct						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
	-	-	-	9,10	8,11	14,17	

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

Item 2 - STR Results

KPDZL	Identifiler Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
KU3WCY	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
KXH8NG	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
L2TLM8	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
L4VTEY	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
L6WDV8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
L9PLTM	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

L9U6HB	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LA7T3B	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LAR3H8	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LEHMWM	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LLY7AU	Identifiler® Identifiler Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LPETQK	GlobalFiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
LPYEGP	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

LR6XJR	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LR6Z9W	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LTU7NM	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LTZHAX	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LUGJLZ	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LWHQKJ	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
M4XRG8	PowerPlex® Fusion Direct						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

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

M98P9Z	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MAKJQL	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MD6BZ3	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MDLME2	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MN9GZW	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MP33R3	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MXBWKA	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

MYKVQC	Investigator ESS PLEX Plus						
	2	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12,12	15,17
		15.2,16	28,31.2	15,15	X,Y		20,21
					9,10		14,17
MZUYKM	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
N6Y9ZU	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
N7TY7A	PowerPlex®						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
NDW9Q4	PowerPlex® FUSION						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
NFNXU3	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
NGGTC6	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

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

NLPBED	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
NTCU69	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
NTRPF2	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NUNNRZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NW9MUW	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
				9,10	8,11	14,17	
P2J4WX	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
P2KQMK	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

P7QNNC	Identifiler® , MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PDBNEA	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PHNBBZ	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
PJXFL4	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PJYFKH	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
PKT2BN	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PPL3FM	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

PTP2QF	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
PUJLGL	Identifiler Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Q2QU8L	COfiler® and Profiler Plus®						
	2				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
QDT7QU	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
QFDZLA	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
	-	-	-	9,10	8,11	14,17	
QGEGBU	Identifiler®						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
	-	-	-	9,10	8,11	14,17	
QK8ZGW	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

QKRHYK	PowerPlex® ESIFast						
	2	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12,12	15,17
		15.2,16	28,31.2	15,15	X,Y		20,21
				29.2,30.2	9,10		14,17
QP4C74	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QPXDHK	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
QQYU86	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QW36RH	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
R3MFQ6	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
R4URE9	Identifiler® Plus, PowerPlex® HS						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

RAL689	PowerPlex® 16 HS, Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
RBGGA4	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RFRLTQ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RGM98F	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RH3GJP	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RR4X4Z	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RTHBYN	PowerPlex® HotStart						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

RVPNKW	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
T6EUWU	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TBF6UL	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TBF9C4	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TBYWX6	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TG27ZQ	ID+						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
THDYNE	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

TM7XDV	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TMNVML	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TPCLFD	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
TTTWLV	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TVZWZA	Identifiler® Plus						
	2	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12,12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
				9,10	8,11	14,17	
TZC62E	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TZRBG4	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

U9MJRM	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UET3ZN	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
UGKACX	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UJ9LAH	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
UJKNC9	Identifiler® Plus						
	2	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17
ULVALH	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
UM6837	Identifiler® ID Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

UNFHAA	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UW7BRV	GlobalFiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
UXQB9K	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UY2BB7	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UYE22C	Identifiler® Plus						
	2	n/t	23,25	n/t	15,16	11,12	9,11
		11,16	n/t	n/t	8,12	12,12	15,17
		15.2,16	28,31.2	n/t	X,Y	11,12	20,21
			n/t	9,10	8,11	14,17	
UZRNLK	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
V47HYN	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15	9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

V9ZLV2	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VB4EFY	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VCYXJL	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VDTNPZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VE2XFC	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
VFJP6P	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VKB7AM	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

VNWMUT	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VP7QAD	Identifiler® Plus						
	2	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
		NT	NT	9,10	8,11	14,17	
VQFTZH	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
VUEA97	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VWLK9F	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VWLPJH	PowerPlex® HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
VX2YKV	Identifiler® Plus, MiniFiler						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

VXZ3D7	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VZPD6Y	PowerPlex® HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
W2CEJL	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
W382XB	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
W86AT7	PowerPlex® 16 HS, Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
W9GYZP	Identifiler® Plus						
	2	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
WACKRV	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 2 - STR Results

WCT3DK	Identifiler® Plus						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
WDMTJZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WGBEGG	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WL8TBX	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WN82GT	Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WNDGPN	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
WR8BMP	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 2 - STR Results

WYRCU2	PowerPlex® Fusion, 16 HS y ESX 17						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XAK9DE	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
XAQ9MV	PowerPlex® Fusion, 16 HS						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XBEU6K	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
XEHFDD	Identifiler® Plus, PowerPlex® 18D						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XFTE8Z	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XHXBK2	GlobalFiler Express						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

XJBH94	ID+						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XK6GVG	Identifiler® Plus, PowerPlex® 21						
	2	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XMUTT2	Identifiler® Direct						
	2	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
XN6P3C	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XRMU72	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XV6YX6	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XVNVYJ	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

XWD3GU	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XXNAH3	Identifiler® Plus, PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
Y27JDL	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Y6BD2H	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Y72JJU	Identifiler® Identifiler Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YDLHA3	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YEULXY	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 2 - STR Results

YFPG48	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YFQ8EW	Identifiler® Direct						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YLRHA4	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YQ3QJK	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YR4CLR	PowerPlex® Fusion						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YRJLN2	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YULKH7	Identifiler® Plus						
	2	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17

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

Item 2 - STR Results

YYGDUA	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
YYHEC2	Identifiler® Plus, PowerPlex® HS						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
YZYCYX	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
Z2KPR2	Identifiler® Plus, MiniFiler						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
Z4QVMB	Identifiler®						
	2	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
ZADMU4	PowerPlex® 16						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ZGD8WY	GlobalFiler						
	2	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17

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

Item 2 - STR Results

ZGHKEU	Identifiler® DIRECT						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZGYLW	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZGZJK	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZH8YWC	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZH9MBG	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZN2VNN	Identifiler®						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZRDQHZ	Identifiler® Plus						
	2		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

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

Item 2 - STR Results

ZVHGMU	PowerPlex® 16 HS						
	2				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

23RCU9	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
2DD7G3	Identifiler® Plus						
	3	n/a	17,22	n/a	16,16	11,12	9,13
		12,17	n/a	n/a	12,13	9,9	13,16
		12,13	28,32.2	n/a	X,X	10,14,[15]	22,23
		n/a	n/a	n/a	9,3,9.3	8,8	16,16
2GBUQH	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
2JXGD4	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,13,14,15	22,23
		10,11	12		9.3	8	16
2KED4H	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
2RTGTW	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
2YCR2Q	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

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

Item 3 - STR Results

2YYLQ	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
37QTYF	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
3APG8A	Identifiler® +						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
3B6D2U	PowerPlex® HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
			10,11	12	9.3	8	16
3E8ARP	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
3H39X8	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
3MCLGR	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
			10,11	12	9.3	8	16

TABLE 2

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

3N84G8	PowerPlex® 16						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
3UTYHB	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
3W34VZ	Identifiler® Plus, MiniFiler						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
42UQA7	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
436HBA	Identifiler®						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9,3	8	16
49EKRW	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
4AQJKK	PowerPlex® HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9,3	8	16

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

4EKG CW	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
				9,3,9.3	8,8	16,16	
4FRP8B	Identifiler®, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
4JX44G	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12	9.3	8	16	
4LXAK8	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
4NKXW8	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
				9,3,9.3	8,8	16,16	
4QDW2X	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12	9.3	8	16	
4ZLC6K	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,(15)	22,23
				9.3	8	16	

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

Item 3 - STR Results

64EX6M	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
64FJW9	Profiler® Plus						
	3				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
						16,16	
6649YZ	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
68WVZ4	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
6ALGED	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6JL2M8	Identifiler[sic] Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
6LBCH7	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16

TABLE 2

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

Item 3 - STR Results

6LWUPL	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
6N2H8X	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6NF3LZ	PowerPlex® Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
6NNQHM	Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6NZLPL	Profiler® Plus						
	3				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
						16,16	
6QPXG6	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[15]	22,23
				9.3	8	16	
6QQNRU	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
				9.3,9.3	8,8	16,16	

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

Item 3 - STR Results

6RKJ8B	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
6TYV3A	Globalfiler						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
766AFR	Identifiler® Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
769YTP	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
7AEQQ2	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
7C8KKP	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
7MP66L	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
				9.3	8	16	

TABLE 2

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

Item 3 - STR Results

7QMQRH	PowerPlex® HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
7TCQC9	PowerPlex® 21						
	3	15,15.3	17,22		16,16	11,12	9,13
		12,17		19,20	12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
		10,11	12,12		9.3,9.3	8,8	16,16
7TPKGM	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
7Y6RF8	PowerPlex® 21						
	3	15,15.3	17,22		16,16	11,12	9,13
		12,17		19,20	12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
		10,11	12,12		9.3,9.3	8,8	NR
84PBV3	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
87CVXQ	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
887XA9	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
8AV6U6	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
8F4EAD	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
8HAY2K	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
8HP839	Globalfiler						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
8MGMEL	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16
8NA8FZ	PowerPlex® Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12	NT	9.3	8	16
8RRKZM	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

Item 3 - STR Results

8TJNM3	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
8W4FUY	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
8W6GQH	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
8XM6DJ	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
8YR8Q2	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
973PHZ	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
98679J	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

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

Item 3 - STR Results

9AUFFZ	PowerPlex® 16						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14,15	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
9B6ECU	PowerPlex® Fusion, HS						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
9C2QEN	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
				9.3	8	16	
9CZZ4Z	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
9F2YKK	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
				9.3	8	16	
9G8HCZ	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
9JV6VF	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

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

9L8V76	PowerPlex® 21 system kit						
	3	15,15.3	17,22		16,16	11,12	9,13
		12,17		19,20	12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
9QVGTX	Globalfiler						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
			14,28.2	9,3,9.3	8,8	16,16	
9TH76X	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
9UVQYT	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
A8ZDMG	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
AAKCTY	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
AAPPFV	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

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

Item 3 - STR Results

AGRH2C	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[15]	22,23
				9.3	8	16	
AHFAJ8	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
AKP8YB	Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
ALH2YZ	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
AR7JGH	PP16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
ATZ8XR	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
AZEFW9	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

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

B236PZ	Identifiler® Plus						
	3	n/a	17,22	n/a	16,16	11,12	9,13
		12,17	n/a	n/a	12,13	9,9	13,16
		12,13	28,32.2	n/a	X,X	10,14	22,23
		n/a	n/a	n/a	9,3,9.3	8,8	16,16
B2HLKT	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
B8GMFH	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
B8UE4T	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
BDZ3Q8	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
BEUKZV	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
BF32NT	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

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

Item 3 - STR Results

BJLU42	PowerPlex® HS, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
BN2DDV	Globalfiler						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
BQN2PW	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
BTYPG9	Identifiler®						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
C3ECCT	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
C8CPHR	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
CE9GWM	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 3 - STR Results

CHQQUQ	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9,3	8,8	16,16
CHTCRR	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9,3	8	16	
CL94FZ	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9,3	8	16	
CRF9TT	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
	10,11	12		9,3	8	16	
D3DT9Q	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9,3	8	16	
D9ZF6G	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9,3	8,8	16,16	
DCE82C	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9,3	8	16	

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

Item 3 - STR Results

DCWD8T	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
DDCDQH	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12	9.3	8	16	
DNTD37	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
DQZLEC	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
DUYVHY	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
DW2XYM	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
DXJTWG	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

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

Item 3 - STR Results

EBQW2B	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
EC9CVB	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12	9.3	8	16	
EE3V7P	Identifiler® Identifiler Plus, MiniFiler						
	3	NT	17,22	NT	16,16	11,12	9,13
		12,17	NT	NT	12,13	9,9	13,16
		12,13	28,32.2	NT	X,X	10,14,[15]*	22,23
		NT	NT	NT	9.3,9.3	8,8	16,16
EH3CCR	Identifiler® Plus						
	3	NA	17,22	NA	16	11,12	9,13
		12,17	NA	NA	12,13	9	13,16
		12,13	28,32.2	NA	X	10,14	22,23
		NA	NA	NA	9.3	8	16
EP326C	PowerPlex® 16HS, ESX17						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
		10,11	12,12	14,28.2	9.3,9.3	8,8	16,16
EU3LCM	Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
EUVDVM	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3,9.3	8,8	16,16

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

Item 3 - STR Results

EW2B7F	PowerPlex® HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
EXFL9E	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
EZ34FE	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
F7NF48	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[15]	22,23
				9.3	8	16	
FGJRZT	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
FHHXCL	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
G3NNB2	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

G4DVTC	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3	8	16	
G6L7CA	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
GR3MQK	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
GTU7Q	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
H4RQP4	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
HAWPZU	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
HAXDLE	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

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

Item 3 - STR Results

HAXFBH	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8		16
HFNUVJ	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
HKEDQM	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
HMLFTK	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
HPTW33	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
HU8JTZ	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
HVGKX8	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16

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

Item 3 - STR Results

HVUALR	Identifiler® Plus						
	3	NT	17,22	NT	16,16	11,12	9,13
		12,17	NT	NT	12,13	9,9	13,16
		12,13	28,32.2	NT	X,X	10,14	22,23
		NT	NT	NT	9,3,9.3	8,8	16,16
HXX3JW	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3	8	16	
HYHHFM	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
J2C3CH	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
J2Z4H9	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
J628AV	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
JFECFR	PowerPlex® Fusion						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16

TABLE 2

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

Item 3 - STR Results

JPR8RD	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
JRAHCB	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X	10,14	22,23
		-	-	-	9.3	8	16
JT62FX	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3	8	16	
JW3JFB	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
JXF9JM	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
K42NKY	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
K8XC4R	Profiler® Plus						
	3				16,16	11,12	9,13
		12,17			12,13		13,16
		28,32.2		X,X		22,23	
						16,16	

TABLE 2

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

Item 3 - STR Results

K9CPWV	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
K9RXUX	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
K9YTTC	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
KA4TGP	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
KALNZC	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
KAMLB8	Essplex Plus						
	3	15,15.3	17,22	10,14	16,16		
		12,17	13,15	19,20		9,9	13,16
		12,13	28,32.2	15,16	X,X		22,23
				9.3,9.3		16,16	
KBH2M6	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
KBH6D9	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
KDB2UF	PowerPlex® HS, Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
	10,11	12		9.3	8	16	
KE7FKE	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
KJYNPL	PowerPlex®						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
	10,11	12,12		9.3,9.3	8,8	16,16	
KKLEHD	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
	-	-	-	9.3	8	16	
KPDZLZ	Identifiler Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
	-	-	-	9.3,9.3	8,8	16,16	
KU3WCY	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	[10],[14],15*	22,23
				9.3,9.3	8,8	16,16	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
KXH8NG	PowerPlex® 16						
	3				16	11,12	9,13
	12,17				12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11		12		9.3	8	16
L2TLM8	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
	12,17				12,13	9	13,16
	12,13		28,32.2		X	10,14	22,23
					9.3	8	16
L4VTEY	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
	12,17		N/A	N/A	12,13	9,9	13,16
	12,13		28,32.2	N/A	X,X	10,14	22,23
	N/A	N/A	N/A	9.3,9.3	8,8	16,16	
L6WDV8	Identifiler® Plus						
	3		17,22		16	11,12	9,13
	12,17				12,13	9	13,16
	12,13		28,32.2		X	10,14	22,23
					9.3	8	16
L9PLTM	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
	12,17				12,13	9,9	13,16
	12,13		28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
L9U6HB	PowerPlex® 16						
	3				16	11,12	9,13
	12,17				12,13	9	13,16
			28,32.2		X,X	10,14	22,23
	10,11		12		9.3	8	16
LA7T3B	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
	12,17				12,13	9,9	13,16
	12,13		28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16

TABLE 2

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

Item 3 - STR Results

LAR3H8	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
LEHMWM	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
LLY7AU	Identifiler® Identifiler Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3	8	16
LPETQK	GlobalFiler						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9.3,9.3	8,8	16,16
LPYEGP	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16
LR6XJR	PowerPlex® Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
LR6Z9W	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,(15)	22,23
					9.3	8	16

TABLE 2

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

Item 3 - STR Results

LTU7NM	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
LTZHAX	PowerPlex® 16						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12,12		9.3,9.3	8,8	16,16
LUGJLZ	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
LWHQKJ	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14,15	22,23
		10,11	12		9.3	8	16
M4XRG8	COfiler® and Profiler Plus®						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
				9.3	8	16	
M98P9Z	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
MAKJQL	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	

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

MD6BZ3	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
MDLME2	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
MN9GZW	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
				9,3,9.3	8,8	16,16	
MP33R3	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
MXBWKA	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
MYKVQC	Investigator ESS PLEX Plus						
	3	15,15.3	17,22	10,14	16,16		
		12,17	13,15	19,20		9,9	13,16
		12,13	28,32.2	15,16	X,X		22,23
				9,3,9.3		16,16	
MZUYKM	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

TABLE 2

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

Item 3 - STR Results

N6Y9ZU	Identifiler® Plus, MiniFiler						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
N7TY7A	PowerPlex®						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
NDW9Q4	PowerPlex® FUSION						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
	10,11	12,12		9,3,9.3	8,8	16,16	
NFXU3	Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3	8	16	
NGGTC6	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
NLPBED	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
	10,11	12		9.3	8	16	
NTCU69	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	

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

Item 3 - STR Results

NTRPF2	Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8		16
NUNNRZ	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
				9.3,9.3	8,8		16,16
NW9MUW	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9.3,9.3	8,8	16,16
P2J4WX	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
P2KQMK	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
P7QNNC	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16
PDBNEA	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8		16,16

TABLE 2

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

PHNBBZ	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
PJXFL4	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
PJYFKH	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
PKT2BN	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
PPL3FM	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
PTP2QF	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14,15	22,23
		10,11	12		9.3	8	16
PUJLGL	Identifiler Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

TABLE 2

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

Item 3 - STR Results

Q2QU8L	COfiler® and Profiler Plus®						
	3				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
							16,16
QDT7QU	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
QFDZLA	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3,9.3	8,8	16,16
QGEGBU	Identifiler®						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14,15	22,23
		-	-	-	9.3,9.3	8,8	16,16
QK8ZGW	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
					9.3,9.3	8,8	16,16
QKRHYK	PowerPlex® ESIFast						
	3	15,15.3	17,22	10,14	16,16		
		12,17	13,15	19,20		9,9	13,16
		12,13	28,32.2	15,16	X,X		22,23
				14,28.2	9.3,9.3		16,16
QP4C74	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16

TABLE 2

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

QPXDHK	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
QQYU86	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
QW36RH	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
R3MFQ6	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
R4URE9	Identifiler® Plus, PowerPlex® HS						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
		10,11	12		9,3	8	16
RAL689	PowerPlex® 16 HS, Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9,3	8	16
RBGGA4	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9,3	8	16

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

Item 3 - STR Results

RFRLTQ	Identifiler® Plus							
	3		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14	22,23	
				9.3	8	16		
RGM98F	Identifiler® Plus							
	3		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14	22,23	
				9.3	8	16		
RH3GJP	Identifiler® Plus							
	3		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9.3,9.3	8,8	16,16		
RTHBYN	PowerPlex® HotStart							
	3				16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
			28,32.2		X,X	10,14	22,23	
				10,11	12,12	9.3,9.3	8,8	16,16
RVPNKW	Identifiler® Plus							
	3		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9.3,9.3	8,8	16,16		
T6EUWU	Identifiler® Plus							
	3		17,22		16	11,12	9,13	
		12,17			12,13	9	13,16	
		12,13	28,32.2		X	10,14	22,23	
				9.3	8	16		
TBF6UL	Identifiler®							
	3		17,22		16,16	11,12	9,13	
		12,17			12,13	9,9	13,16	
		12,13	28,32.2		X,X	10,14	22,23	
				9.3,9.3	8,8	16,16		

TABLE 2

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

Item 3 - STR Results

TBF9C4	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
TBYWX6	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
TG27ZQ	ID+						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
THDYNE	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
				9,3,9.3	8,8	16,16	
TM7XDV	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
TMNVML	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
TPCLFD	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
				9,3,9.3	8,8	16,16	

TABLE 2

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

Item 3 - STR Results

TTTWLV	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
				9,3,9.3	8,8	16,16	
TVZWZA	Identifiler® Plus						
	3	NA	17,22	NA	16,16	11,12	9,13
		12,17	NA	NA	12,13	9,9	13,16
		12,13	28,32.2	NA	X,X	10,14	22,23
		NA	NA	NA	9,3,9.3	8,8	16,16
TZC62E	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
TZRBG4	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
U9MJRM	PowerPlex® 16 HS						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12,12		9,3,9.3	8,8	16,16
UET3ZN	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
UGKACX	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
UJ9LAH	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
UJKNC9	Identifiler® Plus						
	3	n/a	17,22	n/a	16,16	11,12	9,13
		12,17	n/a	n/a	12,13	9,9	13,16
		12,13	28,32.2	n/a	X,X	10,14	22,23
		n/a	n/a	n/a	9.3,9.3	8,8	16,16
ULVALH	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
					9.3,9.3	8,8	16,16
UM6837	Identifiler® Id Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
UNFHAA	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16
UXQB9K	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
UY2BB7	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9.3,9.3	8,8	16,16

TABLE 2

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

Item 3 - STR Results

UYE22C	Identifiler® Plus						
	3	n/t	17,22	n/t	16,16	11,12	9,13
		12,17	n/t	n/t	12,13	9,9	13,16
		12,13	28,32.2	n/t	X,X	10,14	22,23
		n/t	n/t	n/t	9,3,9.3	8,8	16,16
UZRNL	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
V9ZLV2	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
VB4EFY	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
VCYXJL	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
VDTNPZ	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
VE2XFC	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16

TABLE 2

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

Item 3 - STR Results

VFJP6P	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
VKB7AM	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
VP7QAD	Identifiler® Plus						
	3	NT	17,22	NT	16,16	11,12	9,13
		12,17	NT	NT	12,13	9,9	13,16
		12,13	28,32.2	NT	X,X	10,14,[15]	22,23
		NT	NT	NT	9,3,9.3	8,8	16,16
VQFTZH	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
VUEA97	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
VWLPHJ	PowerPlex® HS, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
VX2YKV	Identifiler® Plus, MiniFiler						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	

TABLE 2

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

Item 3 - STR Results

VX3D7	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
				9.3	8	16	
VZPD6Y	PowerPlex® HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
W2CEJL	PowerPlex® 16						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	INC	22,23
		10,11	12,12		9.3,9.3	8,8	16,16
W382XB	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
W86AT7	PowerPlex® 16 HS, Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
W9GYZP	Identifiler® Plus						
	3	NA	17,22	NA	16	11,12	9,13
		12,17	NA	NA	12,13	9	13,16
		12,13	28,32.2	NA	X	10,14,[15]	22,23
		NA	NA	NA	9.3	8	16
WACKRV	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	

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

WCT3DK	Identifiler® Plus						
	3	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16
WDMTJZ	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
WGBEGG	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WL8TBX	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WN82GT	Identifiler Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WNDGPN	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
WR8BMP	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16

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

WYRCU2	PowerPlex® Fusion, 16 HS y ESX 17						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
XAQ9MV	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
XBEU6K	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
XEHRFD	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,[14]	22,23
					9.3	8	16
XFTE8Z	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
XHXBK2	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
XJBH94	ID+						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16

TABLE 2

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

XK6GVG	Identifiler® , PowerPlex® 21						
	3	15,15.3	17,22		16	11,12	9,13
		12,17		19,20	12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
XMUTT2	Identifiler® Plus						
	3	-	17,22	-	16	11,12	9,13
		12,17	-	-	12,13	9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9.3	8	16
XN6P3C	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
					9.3	8	16
XRMU72	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
					9.3,9.3	8,8	16,16
XV6YX6	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,15	22,23
					9.3	8	16
XVNVYJ	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
XWD3GU	PowerPlex® 16						
	3				16,16	11,12	9,13
		12,17			12,13	9,9	13,16
			28,32.2		X,X	10,14	22,23
	10,11	12,12		9.3,9.3	8,8	16,16	

TABLE 2

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

XXNAH3	PowerPlex® Fusion						
	3	15,15.3	17,22	10,14	16	11,12	9,13
		12,17	13,15	19,20	12,13	9	13,16
		12,13	28,32.2	15,16	X	10,14	22,23
		10,11	12		9.3	8	16
Y27JDL	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
Y6BD2H	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
Y72JJU	Identifiler® Identifiler Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
YDLHA3	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,15	22,23
				9.3,9.3	8,8	16,16	
YEULXY	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14	22,23
		10,11	12		9.3	8	16
YFPG48	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	

TABLE 2

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

YFQ8EW	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
YLRHA4	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14,15	22,23
	10,11	12		9.3	8	16	
YQ3QJK	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
YR4CLR	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
YRJLN2	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
YYGDUA	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
YYHEC2	Identifiler® Plus, PowerPlex® HS						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 3 - STR Results							
YZYCY	Identifiler®						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
					9,3,9.3	8,8	16,16
Z2KPR2	Identifiler® Plus, MiniFiler						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
Z4QVMB	Identifiler®						
	3	N/A	17,22	N/A	16,16	11,12	9,13
		12,17	N/A	N/A	12,13	9,9	13,16
		12,13	28,32.2	N/A	X,X	10,14	22,23
		N/A	N/A	N/A	9,3,9.3	8,8	16,16
ZADMU4	PowerPlex® 16						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X,X	10,14,15	22,23
		10,11	12		9,3	8	16
ZGD8WY	GlobalFiler						
	3	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
				14,28.2	9,3,9.3	8,8	16,16
ZGHKEU	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,[INC]	22,23
					9,3	8	16
ZGYLGW	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,[15]	22,23
					9,3,9.3	8,8	16,16

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

Item 3 - STR Results

ZGZJNK	Identifiler® Plus						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
ZH8YWC	Identifiler®						
	3		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
ZH9MBG	Identifiler® Plus, MiniFiler						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
ZRDQHZ	Identifiler® Plus						
	3		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
ZVHGMU	PowerPlex® 16 HS						
	3				16	11,12	9,13
		12,17			12,13	9	13,16
			28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	

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

Item 3e - STR Results

BAKKM4	Identifiler® Plus						
	3e		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
				9.3	8	16	
RR4X4Z	Profiler® Plus						
	3e				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
						16,16	
UW7BRV	GlobalFiler						
	3e	15,15.3	17,22	10,14	16,16	11,12	9,13
		12,17	13,15	19,20	12,13	9,9	13,16
		12,13	28,32.2	15,16	X,X	10,14	22,23
			14,28.2	9.3,9.3	8,8	16,16	
VWLK9F	Identifiler® Plus						
	3e		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
XAK9DE	Identifiler® Plus						
	3e		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14,(15)	22,23
				9.3,9.3	8,8	16,16	

TABLE 2

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

Item 3sp - STR Results

BAKKM4	Identifiler® Plus						
	3sp		17		16		9
		12				9	13,16
		12			X	14	
					9.3	8	16
RR4X4Z	Profiler® Plus						
	3sp						
UW7BRV	GlobalFiler						
	3sp						
VWLK9F	Identifiler® Plus						
	3sp						
XAK9DE	Identifiler® Plus						
	3sp		-		-	-	-
		-			-	-	-
		-	-		-	-	-
					-	-	-

TABLE 2

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

42UQA7	Identifiler®						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
68WVZ4	Identifiler®						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
766AFR	Identifiler® Identifiler Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
7AEQQ2	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
8TJNM3	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
973PHZ	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
9G8HCZ	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	

TABLE 2

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

Item 4 - STR Results

AAKCTY	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
JXF9JM	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
LTU7NM	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
MAKJQL	Identifiler®						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
MYKVQC	Investigator ESS PLEX Plus						
	4	11,15,15.3	17,22,23,25	10,11,14	15,16		
		11,12,16,17	12,13,15	19,20,22		9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16,17	X,Y		20,21,22,23
				9,9.3,10		14,16,17	
MZUYKM	Identifiler®						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
N7TY7A	PowerPlex®						
	4				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	

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

Item 4 - STR Results

PUJLGL	Identifiler Plus, MiniFiler						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
RGM98F	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
TZRBG4	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
W382XB	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
XEHRFD	Identifiler® Plus						
	4		17,[22,23,25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,[13,15.2,16]	28,[31.2],32.2		X,[Y]	10,[11,12],14	[20,21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
XFTE8Z	PowerPlex® 16 HS						
	4				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
XN6P3C	Identifiler® Plus						
	4		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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23RCU9	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,[11]	14,16,17	
2DD7G3	Identifiler® Plus						
	4e	n/a	17,22,23,25	n/a	15,16	11,12	9,11,13
		11,12,16,17	n/a	n/a	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	n/a	X,Y	10,11,12,14	20,21,22,23
	n/a	n/a	n/a	9,9.3,10	8,11	14,16,17	
2GBUQH	Identifiler®						
	4e	N/A	17,22,23,25	N/A	[15],16	11,12	9,[11],[13]
		11,12,16,17	N/A	N/A	[8],12,[13]	9,12	13,15,16,17
		12,13,15.2,16	28,[31.2],32.2	N/A	X,[Y]	10,11,12,14	20,21,22,23
	N/A	N/A	N/A	9,9.3,10	8,[11]	[14],16,[17]	
2JXGD4	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
2KED4H	Identifiler® Plus						
	4e		17,22,[23,25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2,16]	28,[31.2],32.2		X,[Y]	10,[11,12],14	[20],21,[22],23
				[9],9.3	8,[11]	[14],16,[17]	
2RTGTW	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
2YCR2Q	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
			28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],21,22,23
	[9],10,11,[13]	[11],12,[15]		[9],9.3,[10]	8,[11]	[14],16,[17]	

TABLE 2

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

Item 4e - STR Results

2YYLQ	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
37QTYF	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
3APG8A	Identifiler® +						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
3B6D2U	PowerPlex® HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
3E8ARP	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
3H39X8	Identifiler® Plus						
	4e		17,(22),(23,25)		(15),16	11,12	9,(11),13
		12,(16),17			(8),12,13	9,(12)	13,(15),16,(17)
		12,13,(15.2,16)	28,(31.2),32.2		X,(Y)	10,(11,12),14	(20,21),22,23
				(9),9.3,(10)	8,(11)	(14),16,(17)	
3MCLGR	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	12,15		9,9.3,10	8,11	14,16,17	

TABLE 2

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

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3N84G8	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,[13]	9,[12]	13,[15],16,[17]
			28,[31.2],[32.2]		X,[Y]	10,[11],[12],14	[20],[21],22,23
		[9],10,11,[13]	12,[15]		[9],9.3,[10]	8,[11]	[14],16,[17]
3UTYHB	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,(Y)	10,11,12,14	20,21,22,23
				(9),9.3,(10)	8,8,(11)	(14),16,17	
3W34VZ	Identifiler® Plus, MiniFiler						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
436HBA	Identifiler®						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,[11]	14,16,17	
49EKRW	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
4AQJJK	PowerPlex® HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
4EKG CW	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3	8,11	14,16,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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4FRP8B	Identifiler® , MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
4JX44G	PowerPlex® 16						
	4e				[15],[16]	11,12	9,[11],13
		11,12,16,17			[8],12,13	9,12	13,15,16,[17]
			28,[31.2],32.2		X,[Y]	10,[11],12,14	20,21,22,23
	[9],10,11,13	[11],12,[15]		[9],9.3,[10]	8,[11]	[14],16,[17]	
4LXAK8	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
4NKXW8	Identifiler® Plus						
	4e		17,22,(23),(25)		(15),16,16	11,12	9,(11),13
		(11),12,(16),17			(8),12,13	9,9,(12)	13,(15),16,(17)
		12,13,(15.2),(16)	28,(31.2),32.2		X,X,(Y)	10,(11),(12),14	(20),(21),22,23
				(9),9.3,9.3,(10)	8,8,(11)	(14),16,16,(17)	
4QDW2X	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
4ZLC6K	Identifiler® Plus						
	4e		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14,(15)	22,23
				9.3	8	16	
64EX6M	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

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6649YZ	Identifiler® Plus						
	4e		17,22,23,25		(15),16,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,(Y)	10,11,12,14	20,21,22,23
				9,9.3,10	8,8,(11)	14,16,(17)	
6ALGED	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
6JL2M8	Identifiler Plus						
	4e		17,22,(23),(25)		(15),16,16	11,12	9,(11),13
		(11),12,(16),17			(8),12,13	9,9,(12)	13,(15),16,(17)
		12,13,(15.2),(16)	28,(31.2),32.2		X,X,(Y)	10,(11),(12),14	(20),(21),22,23
				(9),9.3,9.3,(10)	8,8,(11)	(14),16,16,(17)	
6LBCH7	Identifiler®						
	4e	N/A	17,22,23,25	N/A	[15],16	11,12	9,[11],13
		11,12,16,17	N/A	N/A	[8],12,[13]	9,[12]	13,15,16,17
		12,13,15.2,16	28,[31.2],32.2	N/A	X,[Y]	10,[11],[12],14	20,21,22,23
	N/A	N/A	N/A	[9],9.3,[10]	8,[11]	[14],16,[17]	
6LWUPL	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
6N2H8X	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
6NF3LZ	PowerPlex® Fusion						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	

TABLE 2

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

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6NNQHM	Identifiler Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
6NZLPL	Profiler® Plus						
	4e				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
						16,16	
6QPXG6	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,[15]	20,21,22,23
				9,9.3,10	8,11	14,16,17	
6QQNRU	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3,10	8,11	14,16,17	
6RKJ8B	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,[12],16,17			8,12,13	9,12	13,15,16,17
		12,[13],15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
6TYV3A	Globalfiler						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
			14,28.2,29.2,30.2	9,9.3,10	8,11	14,16,17	
769YTP	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,[15.2],[16]	28,31.2,32.2		X,Y	10,11,[12],14	20,21,22,23
				9,9.3	8,[11]	14,16,17	

TABLE 2

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

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7C8KKP	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,[inc]	20,21,22,23
				9,9.3,10	8,11	14,16,17	
7MP66L	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
7QMQRH	PowerPlex® HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
7TCQC9	PowerPlex® 21						
	4e	11,15,15.3	17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17		19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,32.2		X,Y	10,11,12,14	21,22,23
		10,11	11,12,15		9,9.3,10	8	14,16,17
7TPKGM	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
		-	-	-	9,9.3,10	8,11	14,16,17
7Y6RF8	PowerPlex® 21						
	4e	11,15,15.3	17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17		19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,14	20,21,22,23
		9,10,11,13	12,15		9,9.3,10	8,11	14,16,17
84PBV3	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

87CVXQ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
887XA9	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		11,12,16,17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
8AV6U6	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
8F4EAD	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
8HAY2K	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
8HP839	Globalfiler						
	4e	[11],15,15.3	[17],[22],[23],[25]	10,[11],14	[15],16,16	11,12	[9],[11],[13]
		[11],12,[16],17	[12],13,15	19,20,[22]	[8],[12],[13]	9,9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	[28],[31.2],[32.2]	[15],[16]	X,X,[Y]	10,[11],[12],14	[20],[21],22,23
			14,28.2,[29.2],[30.2]	[9],[9.3],[10]	8,8,[11]	16,16,[17]	
8MGMEL	Identifiler® Plus						
	4e		17,22,23,25		16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3	8,11	14,16,17	

TABLE 2

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

8NA8FZ	PowerPlex® Fusion						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15	NT	9,9.3,10	8,11	14,16,17
8RRKZM	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
8W4FUY	Identifiler® Plus						
	4e		17,22,23,25		[15],16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
8W6GQH	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
8XM6DJ	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
8YR8Q2	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
98679J	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17

TABLE 2

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

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9AUFFZ	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
9B6ECU	PowerPlex® Fusion, HS						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
9C2QEN	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,[INC]	20,21,22,23
				9,9.3,10	8,[11]	14,16,17	
9CZZ4Z	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
9F2YKK	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,[11],13
		11,12,16,17			8,12,13	9,12	13,15,16,[17]
		12,13,[15.2],16	28,31.2,32.2		X,Y	10,[11],12,14	[20],[21],22,23
				9,9.3	8,[11]	[14],16,17	
9JV6VF	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,15,16,17
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,11,12,14,[15]	20,21,22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
9L8V76	PowerPlex® 21 system kit						
	4e	11,15,15.3	17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17		19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17

TABLE 2

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

9QVGTX	Globalfiler						
	4e	[11,15],15,15.3	17,22,[23,25]	10,[11,14],14	[15,16],16,16	11,[11,12],12	9,[9,11],13
		[11],12,[16],17	[12],13,15,[15]	[19],19,20,[22]	[8,12],12,13	9,9,[12,12]	13,[15],16,[17]
		12,13,[15.2,16]	28,[28,31.2],32.2	[15,15],15,16	X,X,[X,Y]	10,[11,12],14	[20,21],22,23
			14,28.2,[29.2,30.2]	[9],9.3,9.3,[10]	8,8,[8,11]	[14],16,16,[17]	
9TH76X	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,8	14,16,17	
9UVQYT	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
A8ZDMG	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
AAPPFV	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,(11),13
		11,12,16,17			(8),12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,(Y)	10,11,12,14	20,21,22,23
				9,9.3,10	8,8,(11)	(14),16,(17)	
AGRH2C	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,[15]	20,21,22,23
				9,9.3	8,11	14,16,17	
AHFAJ8	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

AKP8YB	Identifiler[sic] Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
ALH2YZ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
AR7JGH	PP16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
ATZ8XR	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
AZEFW9	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
B236PZ	Identifiler® Plus						
	4e	n/a	17,22,23,25	n/a	15,16	11,12	9,11,13
		11,12,16,17	n/a	n/a	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	n/a	X,Y	10,11,12,14,[15]	20,21,22,23
	n/a	n/a	n/a	9,9.3,10	8,11	14,16,17	
B2HLKT	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

B8GMFH	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
B8UE4T	Identifiler®						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,12	13,[15],16,[17]
		12,13,[15.2],[16]	28,31.2,32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
BAKKM4	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,[11],13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				[9],9.3,10	8,11	14,16,17	
BDZ3Q8	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
BEUKZV	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,(32.2)		X,X(Y)	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
BF32NT	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
BJLU42	PowerPlex® HS, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4e - STR Results

BN2DDV	Globalfiler						
	4e	[11,15],15,15.3	17,22,[23,25]	10,[11,14],14	[15,16],16,16	11,[11],12,[12]	9,[9,11],13
		[11],12,[16],17	[12],13,15,[15]	[19],19,20,[22]	[8,12],12,13	9,9,[12,12]	13,[15],16,[17]
		12,13,[15.2,16]	28,[28,31.2],32.2	[15,15],15,16	X,X,[X,Y]	10,[11,12],14	[20,21],22,23
			14,28.2,[29.2,30.2]	[9],9.3,9.3,[10]	8,8,[8,11]	[14],16,16,[17]	
BQN2PW	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,8,(11)	14,16,17	
BTYPG9	Identifiler®						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
C3ECCT	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
C8CPHR	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
CE9GWM	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
CHQQUQ	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	

TABLE 2

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

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CHTCRR	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
CL94FZ	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
CRF9TT	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
D3DT9Q	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3	8,11	14,16,17	
D9ZF6G	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
DCE82C	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,[11],12	13,15,16,[17]
			28,31.2,32.2		X,Y	10,[11],[12],14	20,21,22,23
		9,10,11,[13]	[11],12,15		9,9.3,10	8,11	14,16,17
DCWD8T	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

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DDCDQH	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
DNTD37	Identifiler® Plus						
	4e		17,22,23,25		[15],16	11,12	9,[11],13
		11,12,16,17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
DQZLEC	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
DUYVHY	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
DW2XYM	Identifiler®						
	4e		17,22,23,25		[15],16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
DXJTWG	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,[12],16,[17]			8,12,13	9,12	13,15,16,17
		[12],[13],15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,[22],[23]
				9,9.3,10	8,11	14,16,17	
EBQW2B	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

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EC9CVB	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],13
		[11],12,[16],[17]			8,12,13	9,[12]	[13],[15],[16],[17]
			28,[31.2],32.2		X,Y	10,[11],[12],14	20,21,22,23
		[9],10,[11],[13]	[11],12		9,9.3,10	8,11	14,16,[17]
EE3V7P	Identifiler® Identifiler Plus, MiniFiler						
	4e	NT	17,22,[23],[25]	NT	[15],16	11,12	9,[11],13
		[11],12,[16],17	NT	NT	[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2	NT	X,[Y]	10,[11],[12],14	[20],[21],22,23
	NT	NT	NT	[9],9.3,[10]	8,[11]	[14],16,[17]	
EH3CCR	Identifiler® Plus						
	4e	NA	17,22,23,25	NA	15,16	11,12	9,11,13
		11,12,16,17	NA	NA	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	NA	X,Y	10,11,12,14	20,21,22,23
	NA	NA	NA	9,9.3	8,11	14,16,17	
EP326C	PowerPlex® 16HS, ESX17						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15	14,28.2,29.2,30.2	9,9.3,10	8,11	14,16,17	
EU3LCM	Identifiler Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
EUYDVM	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,[Y]	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
EW2B7F	PowerPlex® HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	

TABLE 2

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

EXFL9E	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
EZ34FE	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
F7NF48	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,[15]	20,21,22,23
				9,9.3,10	8,11	14,16,17	
FGJRZT	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
FHHXCL	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],[32.2]		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
G3NNB2	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,13
		[11],12,[16],17			8,12,13	9,12	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
G4DVTC	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,[17]
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	

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

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G6L7CA	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3	8,11	14,16,17	
GR3MQK	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
GTU7Q	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
H4RQP4	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
HAWPZU	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
HAXDLE	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
HAXFBH	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3,10	8,11	14,16,17	

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

HFNUVJ	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
HKEDQM	Identifiler® Plus						
	4e		17,22,[23,25]		[15],16,16	11,12	9,[11],13
		11,12,16,17			[8],12,13	9,12	13,[15],16,[17]
		12,13,[15.2,16]	28,31.2,32.2		X,X,[Y]	10,11,[12],14	[20],21,22,23
				[9],9.3,[10]	8,8,[11]	[14],16,16,[17]	
HMLFTK	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
HPTW33	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
HU8JTZ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
HVGKX8	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
HVUALR	Identifiler® Plus						
	4e	NT	17,22,23,25	NT	15,16	11,12	9,11,13
		11,12,16,17	NT	NT	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	NT	X,Y	10,11,12,14	20,21,22,23
	NT	NT	NT	9,9.3,10	8,11	14,16,17	

TABLE 2

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

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HXX3JW	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
HYHHFM	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
J2C3CH	Identifiler®						
	4e		17,22,23,25		[15],16	11,12	9,[11],13
		11,12,16,17			8,12,13	9,[12]	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
J2Z4H9	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
J628AV	Identifiler® Plus						
	4e		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,3,9.3	8,8	16,16	
JFE CFR	PowerPlex® Fusion						
	4e	[11],15,[15.3]	[17],22,23,[25]	[10],[11],14	[15],16	11,12	9,[11],[13]
		11,[12],16,[17]	[12],[13],15	19,[20],[22]	[8],12,[13]	[9],12	[13],15,[16],17
		[12],[13],15.2,16	28,[31.2],[32.2]	15,[16]	X,[Y]	10,11,12,14	20,21,[22],[23]
	9,10,11,13	[11],12,[15]		9,9.3,10	8,[11]	14,16,[17]	
JPR8RD	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

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JRAHCB	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
		-	-	-	9,9.3	8,11	14,16,17
JT62FX	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
JW3JFB	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
K42NKY	Identifiler®						
	4e	N/A	17,22,23,25	N/A	[15],16	11,12	9,[11],13
		11,12,16,17	N/A	N/A	[8],12,13	9,12	13,15,16,17
		12,13,15.2,16	28,[31.2],32.2	N/A	X,[Y]	10,11,12,14	20,21,22,23
		N/A	N/A	N/A	9,9.3,[10]	8,[11]	[14],16,[17]
K8XC4R	Profiler® Plus						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13		13,15,16,17
			28,31.2,32.2		X,Y		20,21,22,23
							14,16,17
K9CPWV	Identifiler® Plus						
	4e		[17],[22],23,25		15,16	11,12	9,11,[13]
		11,[12],16,[17]			8,12,[13]	[9],12	[13],15,[16],17
		[12],[13],15.2,16	28,31.2,32.2		X,Y	[10],11,12,[14]	20,21,[22],[23]
					9,9.3,10	8,11	14,16,17
K9RXUX	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,16,17			[8],12,[13]	9,[12]	13,15,16,17
		12,13,15.2,[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	20,21,22,23
					[9],9.3,[10]	8,[11]	[14],16,[17]

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

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K9YTTC	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
KA4TGP	Identifiler® Plus						
	4e		17,22,23,25		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,[13]	9,[12]	13,15,16,[17]
		12,13,[15.2],16	28,31.2,32.2		X,[Y]	10,[11],12,14	20,[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
KALNZC	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
KAMLB8	Essplex Plus						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16		
		11,12,16,17	12,13,15	19,20,22		9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y		20,21,22,23
				9,9.3,10		14,16,17	
KBH2M6	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],13
		[11],[12],[16],17			[8],12,[13]	9,12	13,[15],16,[17]
			28,[31.2],[32.2]		X,[Y]	[10],[11],[12],14	[20],[21],22,[23]
	[9],10,[11],[13]	[11],12		[9],9.3,[10]	8,[11]	[14],16,[17]	
KBH6D9	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
KDB2UF	PowerPlex® HS, Fusion						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	

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

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KE7FKE	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3,10	8,11	14,16,17	
KJYNPL	PowerPlex®						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
KKLEHD	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
		-	-	-	9,9.3,10	8,11	14,16,17
KPDZL	Identifiler Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
		-	-	-	9,9.3,10	8,11	14,16,17
KU3WCY	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
KXH8NG	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
L2TLM8	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

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L4VTEY	Identifiler®						
	4e	N/A	17,22,23,[25]	N/A	15,16	11,12	9,[11],[13]
		11,12,16,17	N/A	N/A	[8],12,[13]	9,[12]	13,[15],16,[17]
		[12],13,15.2,16	28,[31.2],[32.2]	N/A	X,[Y]	10,[11],12,14	20,21,22,23
		N/A	N/A	N/A	9,9.3,10	8,[11]	[14],16,[17]
L6WDV8	Identifiler® Plus						
	4e		17,22,23,25		16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
L9PLTM	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
L9U6HB	PowerPlex® 16						
	4e				[15],16	11,12	9,11,13
		11,12,16,17			8,12,13	9,[12]	13,15,16,[17]
			28,[31.2],32.2		X,[Y]	10,11,12,14	20,21,22,23
		9,10,11,13	[11],12,[15]		[9],9.3,[10]	8,[11]	[14],16,[17]
LA7T3B	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
LAR3H8	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
LEHMWM	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4e - STR Results

LLY7AU	Identifiler® Identifiler Plus						
	4e		17,22,23,25		[15],16	11,12	9,[11],13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,[11]	[14],16,17	
LPETQK	GlobalFiler						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
			14,28.2,29.2,30.2	9,9.3,10	8,11	14,16,17	
LPYEGP	Identifiler®						
	4e	N/A	17,22,[23],[25]	N/A	[15],16	11,12	9,[11],13
		[11],12,[16],17	N/A	N/A	[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2	N/A	X,[Y]	10,[11],[12],14	20,21,22,23
	N/A	N/A	N/A	[9],9.3,[10]	8,[11]	[14],16,[17]	
LR6XJR	PowerPlex® Fusion						
	4e	[11],15,15.3	17,22,[25]	10,[11],14	[15],16	11,12	9,[11],13
		[11],12,[16],17	[12],13,15	19,20,[22]	[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[16]	28,32.2	15,16	X,[Y]	10,[11],[12],14	[20],[21],22,23
	[9],10,11,[13]	[11],12,[15]		[9],9.3,[10]	8	[14],16,[17]	
LR6Z9W	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
LTZHAX	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
			28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
	[9],10,11,[13]	[11],12,[15]		[9],9.3,[10]	8,[11]	[14],16,[17]	
LUGJLZ	Identifiler®						
	4e		17,22,23,25		[15],16,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,9,[12]	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,[Y]	10,11,12,14	20,21,22,23
				[9],9.3,9.3	8,8,[11]	[14],16,16,[17]	

TABLE 2

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

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LWHQKJ	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
M4XRG8	COfiler® and Profiler Plus®						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
M98P9Z	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
MD6BZ3	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,8,8,11	14,16,17	
MDLME2	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,[12],16,[17]			8,12,13	9,12	13,15,16,17
		[12],[13],15.2,16	28,31.2,[32.2]		X,Y	10,11,12,14	20,21,[22],[23]
				9,9.3,10	8,11	14,16,17	
MN9GZW	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
MP33R3	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

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MXBWKA	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
N6Y9ZU	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
NDW9Q4	PowerPlex® FUSION						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
NFXU3	Identifiler Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
NGGTC6	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
NLPBED	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
NTCU69	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17

TABLE 2

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

NTRPF2	Identifiler Plus						
	4e		[17],[22],23,25		15,16	11,12	9,11,[13]
		11,[12],16,[17]			8,12,[13]	[9],12	[13],15,[16],17
		[12],[13],15.2,16	28,31.2,[32.2]		X,Y	[10],11,12,[14]	20,21,[22],[23]
					9,[9.3],10	8,11	14,[16],17
NUNNRZ	Identifiler® Plus						
	4e		17,22,[25]		[15],16,16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,9,[12]	13,[15],16
		12,13,[15.2],[16]	28,[31.2],32.2		X,X	10,[11],[12],14	[20],[21],22,23
					[9],9.3,9.3	8,8,[11]	[14],16,16,[17]
NW9MUW	Identifiler®						
	4e	N/A	17,22,[23],[25]	N/A	[15],16	11,12	9,[11],13
		[11],12,[16],17	N/A	N/A	[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2	N/A	X,[Y]	10,[11],[12],14	[20],[21],22,23
		N/A	N/A	N/A	[9],9.3,[10]	8,[11]	[14],16,[17]
P2J4WX	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
P2KQMK	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
P7QNNC	Identifiler® , MiniFiler						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		11,12,16,17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],16	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
					[9],9.3,[10]	8,[11]	[14],16,[17]
PDBNEA	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
					9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4e - STR Results

PHNBBZ	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
PJXFL4	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3,10	8,11	14,16,17	
PJYFKH	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
PKT2BN	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
PPL3FM	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
PTP2QF	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
Q2QU8L	COfiler® and Profiler Plus®						
	4e				16,16	11,12	9,13
		12,16,17			8,12,13		13,15,16
			28,32.2		X,X		21,22,23
						16,16	

TABLE 2

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

Item 4e - STR Results

QDT7QU	Identifiler® Plus						
	4e		17,22,[23,25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2,16]	28,[31.2],32.2		X,[Y]	10,[11,12],14	[21],22,23
				[9],9.3	8,[11]	[14],16,[17]	
QFDZLA	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
QGEGBU	Identifiler®						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
QK8ZGW	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	12,13,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3	8,11	14,16,17	
QKRHYK	PowerPlex® ESIFast						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16		
		11,12,16,17	12,13,15	19,20,22		9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,X,X,Y		20,21,22,23
			14,28.2,29.2,30.2	9,9.3,10		14,16,17	
QP4C74	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3,10	8,11	14,16,17	
QPXDHK	Identifiler®						
	4e	N/A	17,22,23,25	N/A	[15],16	11,12	9,[11],13
		11,12,16,17	N/A	N/A	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,[31.2],32.2	N/A	X,[Y]	10,[11],12,14	20,21,22,23
	N/A	N/A	N/A	9,9.3,10	8,[11]	14,16,[17]	

TABLE 2

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

QQYU86	Identifiler® Plus						
	4e		17,22,23,25		[15],16	11,12	9,[11],[13]
		11,12,16,17			[8],12,[13]	9,[12]	13,15,16,17
		12,13,15.2,16	28,[31.2],[32.2]		X,[Y]	10,11,12,14	[20],21,22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
QW36RH	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
R3MFQ6	Identifiler® Plus						
	4e		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9.3,9.3	8,8	16,16	
R4URE9	Identifiler® Plus, PowerPlex® HS						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
RAL689	PowerPlex® 16 HS, Fusion						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
RBGGA4	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,[11],13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
RFRLTQ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

RH3GJP	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,12	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
RR4X4Z	Profiler® Plus						
	4e				16,16	11,12	9,13
		12,17			12,13		13,16
			28,32.2		X,X		22,23
						16,16	
RTHBYN	PowerPlex® HotStart						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
RVPNKW	Identifiler® Plus						
	4e		17,22		16,16	11,12	9,13
		12,17			12,13	9,9	13,16
		12,13	28,32.2		X,X	10,14	22,23
				9,9.3,9.3	8,8	16,16	
T6EUWU	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,11,12,14	20,21,22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
TBF6UL	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
TBF9C4	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

TBYWX6	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
TG27ZQ	ID+						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
THDYNE	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
TM7XDV	Identifiler® Plus						
	4e		17,22,23,25		[15],16	11,12	9,[11],13
		[11],12,[16],17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,[31.2],32.2		X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,[11]	[14],16,[17]	
TMNVML	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,[10]	8,[11]	14,16,17	
TPCLFD	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
	-	-	-	9,9.3,10	8,11	14,16,17	
TTTWLV	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	

TABLE 2

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

TVZWZA	Identifiler® Plus						
	4e	NA	17,22,23,25	NA	15,16	11,12	9,11,13
		11,12,16,17	NA	NA	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	NA	X,Y	10,11,12,14	20,21,22,23
		NA	NA	NA	9,9.3,10	8,11	14,16,17
TZC62E	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
U9MJRM	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
UET3ZN	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
UGKACX	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
UJ9LAH	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
UJKNC9	Identifiler® Plus						
	4e	n/a	17,22,23,25	n/a	15,16	11,12	9,11,13
		11,12,16,17	n/a	n/a	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	n/a	X,Y	10,11,12,14	20,21,22,23
	n/a	n/a	n/a	9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

ULVALH	Identifiler®						
	4e		17,22,(23),(25)		(15),16,16	11,12	9,(11),13
		(11),12,(16),17			(8),12,13	9,9,(12)	13,(15),16,(17)
		12,13,(15.2),(16)	28,(31.2),32.2		X,X,(Y)	10,(11),(12),14,(15)	(20),(21),22,23
				(9),9.3,9.3	8,8,(11)	(14),16,16,(17)	
UM6837	Identifiler® ID Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,[Y]	10,[11],[12],14	[20],[21],22,23
				[9],9.3,[10]	8,[11]	[14],16,[17]	
UNFHAA	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
UW7BRV	GlobalFiler						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
			14,28.2,29.2,30.2	9,9.3,10	8,11	14,16,17	
UXQB9K	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,[13]	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
UY2BB7	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
UYE22C	Identifiler® Plus						
	4e	n/t	17,22,23,25	n/t	15,16	11,12	9,11,13
		11,12,16,17	n/t	n/t	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	n/t	X,Y	10,11,12,14	20,21,22,23
		n/t	n/t	n/t	9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4e - STR Results

UZRNL	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
V9ZLV2	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,[16]	28,31.2,32.2		X,Y	10,11,12,14	[20],21,22,23
					9,9.3,10	8,11	14,16,[17]
VB4EFY	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
VCYXJL	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16	11,12	9,[11],13
		11,12,16,17			[8],12,[13]	9,[12]	13,15,16,17
		12,13,[15.2],[16]	28,[31.2],[32.2]		X,[Y]	10,[11],[12],14	20,21,22,23
					[9],9.3,[10]	8,[11]	[14],16,[17]
VDTNPZ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3	8,11	14,16,17
VE2XFC	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
		-	-	-	9,9.3,10	8,11	14,16,17
VFJP6P	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17

TABLE 2

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

VKB7AM	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
VP7QAD	Identifiler® Plus						
	4e	NT	17,22,23,25	NT	15,16	11,12	9,11,13
		11,12,16,17	NT	NT	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	NT	X,Y	10,11,12,14	20,21,22,23
	NT	NT	NT	9,9.3,10	8,11	14,16,17	
VQFTZH	PowerPlex® 16 HS						
	4e				15,16	11,12	9,13
		11,12,16,17			12,13	9,12	13,15,16,17
			28,32.2		X,Y	10,11,12,14	22,23*
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16*	
VUEA97	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
VWLK9F	Identifiler® Plus						
	4e		17,22,[23],[25]		[15],16,16	11,12	9,[11],13
		12,[16],17			[8],12,13	9,9,[12]	13,[15],16,[17]
		12,13,[15.2],[16]	28,[31.2],32.2		X,X,[Y]	10,[11],[12],14	[20],22,23
				9,3,9.3	8,8,[11]	[14],16,16,[17]	
VWLPHJ	PowerPlex® HS, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
VX2YKV	Identifiler® Plus, MiniFiler						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

VXZ3D7	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
VZPD6Y	PowerPlex® HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
W2CEJL	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],13
		12,[16],17			[8],12,13	9,[12]	13,[15],16,[17]
			28,[31.2],32.2		X,[Y]	INC	[20],[21],22,23
		[9],10,11,[13]	12,[15]		[9],9.3,[10]	8,[11]	[14],16,[17]
W86AT7	PowerPlex® 16 HS, Fusion						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
W9GYZP	Identifiler® Plus						
	4e	NA	17,22,23,25	NA	15,16	11,12	9,11,13
		11,12,16,17	NA	NA	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	NA	X,Y	10,11,12,14,[15]	20,21,22,23
		NA	NA	NA	9,9.3,10	8,11	14,16,17
WACKRV	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
WCT3DK	Identifiler® Plus						
	4e	-	17,22	-	16,16	11,12	9,13
		12,17	-	-	12,13	9,9	13,16
		12,13	28,32.2	-	X,X	10,14	22,23
		-	-	-	9,3,9.3	8,8	16,16

TABLE 2

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

WDMTJZ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
WGBEGG	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
WL8TBX	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,[15],16,[17]
		12,13,[15.2],[16]	28,31.2,32.2		X,Y	10,11,[12],14	[20],21,22,23
				9,9.3	8,[11]	[14],16,[17]	
WN82GT	Identifiler Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3	8,11	14,16,17	
WNDGPN	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
WR8BMP	Identifiler®						
	4e		17,22,23,25		15,16,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,8,11	14,16,17	
WYRCU2	PowerPlex® Fusion, 16 HS y ESX 17						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	

TABLE 2

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

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XAK9DE	Identifiler® Plus						
	4e		17,22,(23),(25)		(15),16,16	11,12	9,(11),13
		(11),12,(16),17			(8),12,13	9,9,(12)	13,(15),16,(17)
		12,13,(15.2),(16)	28,(31.2),32.2		X,X,(Y)	10,(11),(12),14,(15)	(20),(21),22,23
				(9),9.3,9.3,(10)	8,8,(11)	(14),16,16,(17)	
XAQ9MV	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
XBEU6K	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
XHXBK2	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
XJBH94	ID+						
	4e		[17],22,23,25		[15],16	11,12	9,11,[13]
		11,[12],16,[17]			8,12,[13]	9,12	13,15,16,17
		[12],[13],15.2,16	28,31.2,[32.2]		X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,[11]	14,16,[17]	
XK6GVG	Identifiler® Plus, PowerPlex® 21						
	4e	15,15.3	17,22		16	11,12	9,13
		12,17		19,20	12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
		10,11	12		9.3	8	16
XMUTT2	Identifiler® Plus						
	4e	-	17,22,23,25	-	15,16	11,12	9,11,13
		11,12,16,17	-	-	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	-	X,Y	10,11,12,14	20,21,22,23
		-	-	-	9,9.3,10	8,11	14,16,17

TABLE 2

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

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XRMU72	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
XV6YX6	Identifiler® Plus						
	4e		17,22,23,25		16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
				9,9.3	8,11	14,16,17	
XVNVYJ	PowerPlex® 16						
	4e				[15],16	11,12	9,[11],[13]
		[11],[12],16,[17]			8,12,[13]	9,12	[13],[15],[16],[17]
			28,31.2,32.2		X,Y	10,[11],[12],[14]	20,21,22,23
	9,[10],11,[13]	[11],12,[15]		9,9.3,10	8,11	14,16,17	
XWD3GU	PowerPlex® 16						
	4e				(15),16	11,12	9,(11),13
		(11),12,(16),17			12,13	9,(12)	13,(15),16,(17)
			28,(31.2),32.2		X,(Y)	10,(11),(12),14	22,23
	(9),10,11,(13)	(11),12,(15)		(9),9.3,(10)	8,(11)	(14),16,(17)	
XXNAH3	PowerPlex® Fusion						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15,15.2	28,31.2,32.2	15,16	X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
Y27JDL	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
Y6BD2H	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

Y72JJU	Identifiler® Identifiler Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
YDLHA3	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
					9,9.3	8,11	14,16,17
YEULXY	PowerPlex® 16						
	4e				[15],16	11,12	9,11,13
		11,12,16,17			[8],12,[13]	9,12	13,15,16,17
			28,31.2,32.2		X,[Y]	10,11,12,14	20,21,22,23
		9,10,11,13	[11],12,[15]		[9],9.3,[10]	8,[11]	14,16,17
YFPG48	Identifiler®						
	4e		17,22,[23,25]		[15,16],16,16	11,[11],12,[12]	9,[9,11],13
		[11],12,[16],17			[8,12],12,13	9,9,[12,12]	13,[15],16,[17]
		12,13,[15.2,16]	28,[28,31.2],32.2		X,X,[X,Y]	10,[11,12],14	[20,21,]22,23
					[9],9.3,9.3,[10]	8,8,[8,11]	[14],16,16,[17]
YFQ8EW	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,[11],13
		11,12,16,17			8,12,13	9,12	13,[15],16,[17]
		12,13,[15.2],[16]	28,31.2,32.2		X,Y	10,11,[12],14	20,[21],22,23
					9,9.3,10	8,[11]	[14],16,[17]
YLRHA4	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	12,15		9,9.3,10	8,11	14,16,17
YQ3QJK	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4e - STR Results

YR4CLR	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
YRJLN2	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
YYGDUA	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
				9,9.3,10	8,11	14,16,17	
YYHEC2	Identifiler® Plus, PowerPlex® HS						
	4e		17,22		16	11,12	9,13
		12,17			12,13	9	13,16
		12,13	28,32.2		X	10,14	22,23
	10,11	12		9.3	8	16	
YZYCX	Identifiler®						
	4e		17,22,23,25		[15],16,16	11,12	9,11,13
		11,12,16,17			[8],12,[13]	9,12	13,15,16,17
		12,13,15.2,16	28,[31.2],[32.2]		X,X,[Y]	10,11,12,14	20,21,22,23
				9,9.3,10	8,8,[11]	[14],16,[17]	
Z2KPR2	Identifiler® Plus, MiniFiler						
	4e	N/A	17,22,23,25	N/A	15,16	11,12	9,11,13
		11,12,16,17	N/A	N/A	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	N/A	X,Y	10,11,12,14	20,21,22,23
	N/A	N/A	N/A	9,9.3,10	8,11	14,16,17	
Z4QVMB	Identifiler®						
	4e	N/A	17,22,23,25	N/A	15,16	11,12	9,11,[13]
		11,12,16,17	N/A	N/A	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,[32.2]	N/A	X,Y	10,11,12,[14]	20,21,22,23
	N/A	N/A	N/A	9,9.3,10	8,11	14,16,17	

TABLE 2

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

Item 4e - STR Results

ZADMU4	PowerPlex® 16						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14,15	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17
ZGD8WY	GlobalFiler						
	4e	11,15,15.3	17,22,23,25	10,11,14	15,16	11,12	9,11,13
		11,12,16,17	12,13,15	19,20,22	8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2	15,16	X,Y	10,11,12,14,15	20,21,22,23
				14,28.2,29.2,30.2	9,9.3,10	8,11	14,16,17
ZGHKEU	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14,[INC]	20,21,22,23
					9,9.3	8,11	14,16,17
ZGYLGW	Identifiler® Plus						
	4e		17,22,[23,25]		[15],16	11,12	9,[11],13
		11,12,16,17			[8],12,13	9,[12]	13,[15],16,[17]
		12,13,[15.2,16]	28,[31.2],32.2		X,[Y]	10,[11,12],14,[15]	[20,21],22,23
					[9],9.3,[10]	8,[11]	[14],16,[17]
ZGZJNK	Identifiler® Plus						
	4e		17,22,[23,25]		[15],16	11,12	9,[11],13
		[11],12,[16],17			[8],12,13	9,[12]	13,15,16,[17]
		12,13,[15.2,16]	28,[31.2],32.2		X,[Y]	10,[11,12],14	20,[21],22,23
					[9],9.3	8,[11]	[14],16,[17]
ZH8YWC	Identifiler®						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
ZH9MBG	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4e - STR Results

ZRDQHZ	Identifiler® Plus						
	4e		17,22,23,25		15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
		12,13,15.2,16	28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
					9,9.3,10	8,11	14,16,17
ZVHGMU	PowerPlex® 16 HS						
	4e				15,16	11,12	9,11,13
		11,12,16,17			8,12,13	9,12	13,15,16,17
			28,31.2,32.2		X,Y	10,11,12,14	20,21,22,23
		9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17

TABLE 2

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

Item 4sp - STR Results

23RCU9	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,[12],16			8,12,[13]	[9],12	15,17
		[12],15.2,16	28,31.2		X,Y	[10],11,12	20,21,[22]
				9,[9.3],10	8,11	14,17	
2DD7G3	Identifiler® Plus						
	4sp	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
	n/a	n/a	n/a	9,10	8,11	14,17	
2GBUQH	Identifiler®						
	4sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16,[17]	N/A	N/A	8,12,[13]	[9],12	[13],15,17
		[12],15.2,16	28,31.2,[32.2]	N/A	X,Y	11,12	20,21,[22],[23]
	N/A	N/A	N/A	9,10	8,11	14,17	
2JXGD4	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
2KED4H	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
2RTGTW	Identifiler®						
	4sp		[22],23,25		15,16	11,12	9,11
		11,16			8,12,[13]	[9],12	15,17
		[13],15.2,16	28,31.2		X,Y	10,11,12,14	20,21
				9,9.3,10	8,11	14,16,17	
2YCR2Q	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	[9],12	15,[16],[17]
			28,31.2,[32.2]		X,Y	[11],12,[14]	20,21
	9,[11],13	11,[12],15		9,9.3,10	8,11	14,[16],17	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
2YYLQ	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
37QTYF	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,16,17
3APG8A	Identifiler® +						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
3B6D2U	PowerPlex® HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3E8ARP	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
3H39X8	Identifiler® Plus						
	4sp		23,(25)		15,16	11,12	9,11
		11,(16)			8,12	12	(15),17
		15.2,16	28,(31.2)		X,Y	11,12	20,21
					9,10	8,11	14,17
3MCLGR	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

3N84G8	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
3UTYHB	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
3W34VZ	Identifiler® Plus, MiniFiler						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
436HBA	Identifiler®						
	4sp	-	No result	-	No result	No result	No result
		No result	-	-	No result	12	No result
		No result	No result	-	No result	No result	No result
				No result	No result	No result	
49EKRW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
4AQJJK	PowerPlex® HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
4EKG CW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

4FRP8B	Identifiler® , MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
4JX44G	PowerPlex® 16						
	4sp				15,16	11,12	9,11,[13]
		11,[12],16,[17]			8,12,[13]	[9],12	[13],15,[16],17
			28,31.2,[32.2]		X,Y	[10],11,12,[14]	20,21,[22],[23]
	9,[10],[11],13	11,12,15		9,[9.3],10	8,11	14,16,17	
4LXAK8	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
4NKXW8	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
4QDW2X	PowerPlex® 16						
	4sp				15,16	11,12	9,11,13
		11,12,16,17			8,12	9,12	13,15,16,17
			28,31.2		X,Y	10,11,12,14	20,21,22,23
	9,10,11,13	11,12,15		9,9.3,10	8,11	14,16,17	
4ZLC6K	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
64EX6M	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

64FJW9	Profiler® Plus						
	4sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
							14,17
6649YZ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6ALGED	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6JL2M8	Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2,(32.2)		X,Y	11,12	20,21
				9,10	8,11	14,17	
6LBCH7	Identifiler®						
	4sp	N/A	[17],[22],23,25	N/A	15,16	11,12	9,11
		11,[12],16,[17]	N/A	N/A	8,12	[9],12	15,[16],17
		[12],15.2,16	28,31.2,[32.2]	N/A	X,Y	[10],11,12,[14]	20,21,[22]
	N/A	N/A	N/A	9,[9.3],10	8,11	14,[16],17	
6LWUPL	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
6N2H8X	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

6NF3LZ	PowerPlex® Fusion						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
6NNQHM	Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6NZLPL	Profiler® Plus						
	4sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
6QPXG6	Identifiler®						
	4sp		23,25,[-]		15,16,[-]	11,12,[-]	9,11,[-]
		11,16,[17,-]			8,12,[-]	12,[-]	15,17,[-]
		15.2,16,[-]	28,31.2,[32.2,-]		X,Y	11,12,[-]	20,21,[-]
				9,10,[-]	8,11,[-]	14,17,[-]	
6QQNRU	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6RKJ8B	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
6TYV3A	Globalfiler						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	Inc	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	

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

Item 4sp - STR Results

769YTP	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	[9],12	15,17
		15.2,16	28,31.2		X,Y	[10],11,12	20,21
				9,10	8,11		14,17
7C8KKP	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
7MP66L	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	[9],12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
7QMQRH	PowerPlex® HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
7TCQC9	PowerPlex® 21						
	4sp	11,15	23,25		15,16	11,12	9,11
		11,16,17		19,20,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
7TPKGM	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
7Y6RF8	PowerPlex® 21						
	4sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

84PBV3	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
87CVXQ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
887XA9	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8AV6U6	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8F4EAD	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
8HAY2K	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
8HP839	Globalfiler						
	4sp	11,15	inc	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
8MGME1	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
8NA8FZ	PowerPlex® Fusion						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15	NT	9,10	8,11	14,17
8RRKZM	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8W4FUY	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
8W6GQH	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8XM6DJ	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
8YR8Q2	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

98679J	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9AUFFZ	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9B6ECU	PowerPlex® Fusion, HS						
	4sp	11,15,[15.3]	[17],23,25	11,14	15,16	11,12	9,11
		11,[12],16	12,[13],15	19,22	8,12,[13]	[9],12	15,17
		[12],15.2,16	28,31.2	15	X,Y	11,12,[14]	20,21
	9,[11],13	11,[12],15		9,10	8,11	14,17	
9C2QEN	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9CZZ4Z	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9F2YKK	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
9JV6VF	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 4sp - STR Results

9L8V76	PowerPlex® 21 system kit						
	4sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
9QVGTX	Globalfiler						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
				29.2,30.2	9,10	8,11	14,17
9TH76X	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
9UVQYT	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
A8ZDMG	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AAPPFV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AGRH2C	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
AHFAJ8	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AKP8YB	Identifiler[sic] Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ALH2YZ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AR7JGH	PP16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ATZ8XR	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
AZEFW9	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
B236PZ	Identifiler® Plus						
	4sp	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17

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

Item 4sp - STR Results

B2HLKT	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
B8GMFH	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
B8UE4T	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BAKKM4	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BDZ3Q8	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BEUKZV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BF32NT	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

BJLU42	PowerPlex® HS, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
BN2DDV	Globalfiler						
	4sp	11,15	23,25	[10],11,14	15,16	11,12	9,11
		11,[12],16	12,15	19,22	8,12	[9],12,12	[13],15,17
		[12,13],15.2,16	28,31.2,[32.2]	15,15	X,Y	11,12	20,21,[22]
			29.2,30.2	9,10	8,11	14,[16],17	
BQN2PW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
BTYPG9	Identifiler®						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
	-	-	-	9,10	8,11	14,17	
C3ECCT	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
C8CPHR	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CE9GWM	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
	-	-	-	9,10	8,11	14,17	

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

Item 4sp - STR Results

CHQQUQ	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
CHTCRR	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CL94FZ	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
CRF9TT	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
D3DT9Q	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
D9ZF6G	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DCE82C	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

DCWD8T	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DDCDQH	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
DN37	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DQZLEC	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DUYVHY	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DW2XYM	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
DXJTWG	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

EBQW2B	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
EC9CVB	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
EE3V7P	Identifiler® Identifiler Plus, MiniFiler						
	4sp	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
		NT	NT	NT	9,10	8,11	14,17
EH3CCR	Identifiler® Plus						
	4sp	NA	[22],23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,[16],17
		15.2,16	28,31.2	NA	X,Y	[10],11,12	20,21
		NA	NA	NA	9,10	8,11	14,[16],17
EP326C	PowerPlex® 16HS, ESX17						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
		9,13	11,15	29.2,30.2	9,10	8,11	14,17
EU3LCM	Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
EUVDVM	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

EW2B7F	PowerPlex® HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
EXFL9E	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
EZ34FE	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
F7NF48	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FGJRZT	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
FHHXCL	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
G3NNB2	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

G4DVTC	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
G6L7CA	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
GR3MQK	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
GTU7Q	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
H4RQP4	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HAWPZU	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HAXDLE	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 4sp - STR Results

HAXFBH	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HFNUVJ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HKEDQM	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HMLFTK	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15		9,10	8,11	14,17
HPTW33	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
			-	9,10	8,11	14,17	
HU8JTZ	Identifiler® Plus						
	4sp		17,23,25		15,16	11,12	9,11
		11,16,17			8,12,13	9,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HVGKX8	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,12,16,17			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

HVUALR	Identifiler® Plus						
	4sp	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
		NT	NT	NT	9,10	8,11	14,17
HXX3JW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
HYHHFM	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
J2C3CH	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
J2Z4H9	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
J628AV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
JFECFR	PowerPlex® Fusion						
	4sp	[11],15,[15.3]	17,[22],23,[25]	[10],[11],14	[15],16	11,12	9,11,[13]
		11,[12],16,[17]	12,[13],15	19,[20],[22]	[8],12,[13]	[9],12	13,[15],[16],17
		[12],[13],15.2,16	28,[31.2],[32.2]	15,[16]	X,[Y]	10,11,12,14	20,21,22,23
	9,[10],[11],13	[11],12,[15]		9,9.3,[10]	8,[11]	14,16,17	

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

Item 4sp - STR Results

JPR8RD	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
JRAHCB	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
				9,10	8,11	14,17	
JT62FX	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
JW3JFB	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
K42NKY	Identifiler®						
	4sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
				9,10	8,11	14,17	
K8XC4R	Profiler® Plus						
	4sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
K9CPWV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 4sp - STR Results

K9RXUX	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
K9YTTC	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
KA4TGP	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
KALNZC	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
KAMLB8	Essplex Plus						
	4sp	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12,12	15,17
		15,2,16	28,31.2	15,15	X,Y		20,21
				9,10			14,17
KBH2M6	PowerPlex® 16						
	4sp				[15],16	11,12	9,[11]
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11		14,17
KBH6D9	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17

TABLE 2

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

Item 4sp - STR Results

KDB2UF	PowerPlex® HS, Fusion						
	4sp	11,15	[17],23,25	[10],11,14	15,16	11,12	9,11,[13]
		11,[12],16	12,[13],15	19,[20],22	8,12,[13]	[9],12	[13],15,[16],17
		15.2,16	28,31.2,[32.2]	15	X,Y	[10],11,12,[14]	20,21
		9,[10],13	11,[12],15		9,10	8,11	14,[16],17
KE7FKE	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KJYNPL	PowerPlex®						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
KKLEHD	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	9,10	8,11	14,17	
KPDZL	Identifiler Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	9,10	8,11	14,17	
KU3WCY	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
KXH8NG	PowerPlex® 16						
	4sp				15,16	11,12	9,11,[13]
		11,[12],16,[17]			8,12,[13]	[9],12	[13],15,[16],17
			28,31.2,[32.2]		X,Y	[10],11,12,[14]	20,21,[22],[23]
	9,[10],[11],13	11,[12],15		9,[9.3],10	8,11	14,[16],17	

TABLE 2

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

Item 4sp - STR Results

L2TLM8	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
L4VTEY	Identifiler®						
	4sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
L6WDV8	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
L9PLTM	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
L9U6HB	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
LA7T3B	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
LAR3H8	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

LEHMWM	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
LLY7AU	Identifiler® Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
LPETQK	GlobalFiler						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11		14,17
LPYEGP	Identifiler®						
	4sp	N/A	[22],23,25	N/A	15,16	11,12	9,11,[13]
		11,16,[17]	N/A	N/A	8,12,[13]	[9],12	15,17
		15.2,16	28,31.2	N/A	X,Y	[10],11,12	20,21
	N/A	N/A	N/A	9,10	8,11		14,[16],17
LR6XJR	PowerPlex® Fusion						
	4sp	11,15	23,25	[11],14	15,16	11,12	9,11,[13]
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15,16	X,Y	11,12	20,21
	9,13	11,15		9,10	8,11		14,17
LR6Z9W	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11		14,17
LTZHAX	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11		14,17

TABLE 2

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

Item 4sp - STR Results

LUGJLZ	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
LWHQKJ	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,13	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
M4XRG8	COfiler® and Profiler Plus®						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
M98P9Z	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MD6BZ3	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MDLME2	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12,[13]	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MN9GZW	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

MP33R3	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
MXBWKA	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
N6Y9ZU	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NDW9Q4	PowerPlex® FUSION						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15.2,16	28,31.2	15,15	X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
NFXU3	Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NGGTC6	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NLPBED	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

NTCU69	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
NTRPF2	Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,[16],17	
NUNNRZ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
NW9MUW	Identifiler®						
	4sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
			N/A	9,10	8,11	14,17	
P2J4WX	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
P2KQMK	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
P7QNNC	Identifiler® , MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

PDBNEA	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PHNBBZ	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
PJXFL4	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PJYFKH	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
PKT2BN	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PPL3FM	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
PTP2QF	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

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

Item 4sp - STR Results

Q2QU8L	COfiler® and Profiler Plus®						
	4sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
							14,17
QDT7QU	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QFDZLA	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
QGEGBU	Identifiler®						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
QK8ZGW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QKRHYK	PowerPlex® ESIFast						
	4sp	11,15	23,25	11,14	15,16		
		11,16	12,15	19,22		12,12	15,17
		15.2,16	28,31.2	15,15	X,Y		20,21
				29.2,30.2	9,10		14,17
QP4C74	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

QPXDHK	Identifiler®						
	4sp	N/A	[17],[22],23,25	N/A	15,16	11,12	9,11,[13]
		11,[12],16,[17]	N/A	N/A	8,12,[13]	[9],12	[13],15,[16],17
		[12],[13],15.2,16	28,31.2,[32.2]	N/A	X,Y	[10],11,12,[14]	20,21,[22],23
		N/A	N/A	N/A	9,[9.3],10	8,[11]	14,16,17
QQYU86	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
QW36RH	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
R3MFQ6	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
R4URE9	Identifiler® Plus, PowerPlex® HS						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
RAL689	PowerPlex® 16 HS, Fusion						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	[9],12	15,[16],17
		15.2,16	28,31.2,[32.2]	15	X,Y	11,12	20,21
		9,13	11,[12],15		9,10	8,11	14,[16],17
RBGGA4	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

RFRLTQ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RH3GJP	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
RR4X4Z	Profiler® Plus						
	4sp				15,16	11,12	9,11
		11,16			8,12		15,17
			28,31.2		X,Y		20,21
						14,17	
RTHBYN	PowerPlex® HotStart						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
RVPNKW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
T6EUWU	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TBF6UL	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
TBF9C4	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
TBYWX6	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
TG27ZQ	ID+						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
THDYNE	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
TM7XDV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
TMNVML	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
TPCLFD	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

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

Item 4sp - STR Results

TTTWLV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
TVZWZA	Identifiler® Plus						
	4sp	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12,12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	9,10	8,11	14,17	
TZC62E	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
U9MJRM	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UET3ZN	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UGKACX	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
UJ9LAH	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

UJKNC9	Identifiler® Plus						
	4sp	n/a	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15,2,16	28,31.2	n/a	X,Y	11,12	20,21
		n/a	n/a	n/a	9,10	8,11	14,17
ULVALH	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UM6837	Identifiler® ID Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UNFHAA	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UW7BRV	GlobalFiler						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15,2,16	28,31.2	15,15	X,Y	11,12	20,21
			29,2,30.2	9,10	8,11	14,17	
UXQB9K	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
UY2BB7	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 4sp - STR Results

UYE22C	Identifiler® Plus						
	4sp	n/t	23,25	n/t	15,16	11,12	9,11
		11,16	n/t	n/t	8,12	12,12	15,17
		15.2,16	28,31.2	n/t	X,Y	11,12	20,21
		n/t	n/t	nt	9,10	8,11	14,17
UZRNL	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
V9ZLV2	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VB4EFY	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VCYXJL	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VDTNPZ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VE2XFC	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17

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

Item 4sp - STR Results

VFJP6P	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VKB7AM	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VP7QAD	Identifiler® Plus						
	4sp	NT	23,25	NT	15,16	11,12	9,11
		11,16	NT	NT	8,12	12,12	15,17
		15.2,16	28,31.2	NT	X,Y	11,12	20,21
			NT	9,10	8,11	14,17	
VQFTZH	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15		9,10	8,11	14,17
VUEA97	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VWLK9F	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
VWLPHJ	PowerPlex® HS, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15		9,10	8,11	14,17

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
VX2YKV	Identifiler® Plus, MiniFiler						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
VXZ3D7	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
VZPD6Y	PowerPlex® HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
W2CEJL	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
W86AT7	PowerPlex® 16 HS, Fusion						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
W9GYZP	Identifiler® Plus						
	4sp	NA	23,25	NA	15,16	11,12	9,11
		11,16	NA	NA	8,12	12	15,17
		15.2,16	28,31.2	NA	X,Y	11,12	20,21
		NA	NA	NA	9,10	8,11	14,17
WACKRV	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
Item 4sp - STR Results							
WCT3DK	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12,12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
WDMTJZ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
WGBEGG	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
WL8TBX	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
WN82GT	Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
WNDGPN	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
WR8BMP	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

WYRCU2	PowerPlex® Fusion, 16 HS y ESX 17						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XAK9DE	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
XAQ9MV	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
XBEU6K	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
XHXBK2	Identifiler®						
	4sp		[22],23,25		15,16	11,12	9,11,[13]
		11,[12],16			8,12,[13]	[9],12	15,17
		[12],[13],15.2,16	28,31.2		X,Y	[10],11,12,[14]	20,21
					9,10	8,11	14,16,17
XJBH94	ID+						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
XK6GVG	Identifiler® Plus, PowerPlex® 21						
	4sp	11,15	23,25		15,16	11,12	9,11
		11,16		19,22	8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

XMUTT2	Identifiler® Plus						
	4sp	-	23,25	-	15,16	11,12	9,11
		11,16	-	-	8,12	12	15,17
		15.2,16	28,31.2	-	X,Y	11,12	20,21
		-	-	-	9,10	8,11	14,17
XRMU72	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XV6YX6	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
XVNVYJ	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
XWD3GU	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12,12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
XXNAH3	PowerPlex® Fusion						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12	15,17
		15.2,16	28,31.2	15	X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
Y27JDL	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

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

Item 4sp - STR Results

Y6BD2H	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Y72JJU	Identifiler® Identifiler Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YDLHA3	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YEULXY	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15		9,10	8,11	14,17
YFPG48	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YFQ8EW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YLRHA4	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
			11,15		9,10	8,11	14,17

TABLE 2

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

Item 4sp - STR Results

YQ3QJK	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YR4CLR	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
YRJLN2	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YYGDUA	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
YYHEC2	Identifiler® Plus, PowerPlex® HS						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
	9,13	11,15		9,10	8,11	14,17	
ZYCYX	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
Z2KPR2	Identifiler® Plus, MiniFiler						
	4sp	N/A	23,25	n/a	15,16	11,12	9,11
		11,16	n/a	n/a	8,12	12,12	15,17
		15.2,16	28,31.2	N/A	X,Y	11,12	20,21
	N/A	N/A	N/A	9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

Z4QVMB	Identifiler®						
	4sp	N/A	23,25	N/A	15,16	11,12	9,11
		11,16	N/A	N/A	8,12	12,12	15,17
		15,2,16	28,31.2	N/A	X,Y	11,12	20,21
		N/A	N/A	N/A	9,10	8,11	14,17
ZADMU4	PowerPlex® 16						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17
ZGD8WY	GlobalFiler						
	4sp	11,15	23,25	11,14	15,16	11,12	9,11
		11,16	12,15	19,22	8,12	12,12	15,17
		15,2,16	28,31.2	15	X,Y	11,12	20,21
			29.2,30.2	9,10	8,11	14,17	
ZGHKEU	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,[11]
		11,16			8,12	12	[15],[17]
		15,2,16	28,31.2		X,Y	11,12	[20],[21]
				9,10	8,11	14,17	
ZGYLGW	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
ZGZJNK	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	
ZH8YWC	Identifiler®						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12	15,17
		15,2,16	28,31.2		X,Y	11,12	20,21
				9,10	8,11	14,17	

TABLE 2

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

Item 4sp - STR Results

ZH9MBG	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZRDQHZ	Identifiler® Plus						
	4sp		23,25		15,16	11,12	9,11
		11,16			8,12	12,12	15,17
		15.2,16	28,31.2		X,Y	11,12	20,21
					9,10	8,11	14,17
ZVHGMU	PowerPlex® 16 HS						
	4sp				15,16	11,12	9,11
		11,16			8,12	12	15,17
			28,31.2		X,Y	11,12	20,21
		9,13	11,15		9,10	8,11	14,17

Amplification Kit(s) & YSTR Results

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
Item 1 - YSTR Results									
436HBA	Yfiler® 1	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
		Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
		Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
766AFR	Yfiler® 1	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
8HP839	Globalfiler 1						NA		
								NA	
9B6ECU	PowerPlex® Y 23 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
ALH2YZ	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
CE9GWM	Yfiler® 1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
EE3V7P	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NT
		NT	NT	NT	NR	NT	NR	NT	NT
EU3LCM	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
F6UQM8	Yfiler® 1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 1 - YSTR Results

G3NNB2	Yfiler®	1	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
						NR		NR	
HYHHFM	Yfiler®	1	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
						NR		NR	
JAV7L7	Yfiler®	1	-	-	-	-	-	-	-
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
KDB2UF	PowerPlex® Y 23	1	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
KKLEHD	Yfiler®	1	-	-	-	-	-	-	-
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
N7TY7A	Yfiler®	1	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
						NR		NR	
RAL689	PowerPlex® Y 23	1	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
TZRBG4	Yfiler®	1	NR	NR,NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
						NR		NR	
W86AT7	PowerPlex® Y 23	1	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
XFTE8Z	Yfiler®	1	NR	NR,NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
						NR		NR	

TABLE 3

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

Item 1 - YSTR Results

XMUTT2	Yfiler®								
	1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
<hr/>									
Z2KPR2	Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	N/A	N/A
		N/A	N/A	N/A	NR	N/A	NR	N/A	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

2KED4H	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
2RTGTW	2						11		
								2	
2YCR2Q	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
2YYYLQ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
37QTYF	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3APG8A	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3B6D2U	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
3E8ARP	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3H39X8	PowerPlex® Y PPY23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
3MCLGR	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

436HBA	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
4AQJKK	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4EKGCW	PowerPlex® Y 2	14	11,13	13	29	24	11	14	13
		15	12	13					
4FRP8B	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4JX44G	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4NKXW8	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
64EX6M	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6JL2M8	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6LWUPL	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6N2H8X	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

6NF3LZ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6NZLPL	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6QPXG6	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6QQNRU	PowerPlex® Y 2	14	11,13	13	29	24	11	14	13
		15	12	13					
6TYV3A	2						11		
								2	
766AFR	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7AEQQ2	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7QMQRH	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
7TCQC9	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7TPKGM	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

7Y6RF8	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
887XA9	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8AV6U6	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8F4EAD	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8HAY2K	PowerPlex® Y Y23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8HP839	Globalfiler 2						11		
								2	
8MGME1	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8NA8FZ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NT	NT
		NT	NT	NT	23	NT	12	NT	
8RRKZM	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8TJNM3	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

8W6GQH	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8XM6DJ	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
973PHZ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
98679J	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
9B6ECU	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
9G8HCZ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
9QVGTX	Globalfiler 2						11		
								2	
9UVQYT	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
A8ZDMG	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AAKCTY	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

AHFAJ8	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
AKP8YB	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ALH2YZ	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
AR7JGH	PowerPlex® Y Y23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
AZEFW9	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
B8GMFH	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
BF32NT	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
BJLU42	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
BN2DDV	Yfiler® , Globalfiler for Yindel	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12	2	
C3ECCT	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

C8CPHR	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CE9GWM	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
CHTCRR	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CL94FZ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
D3DT9Q	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
D9ZF6G	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DDCDQH	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
DNNTD37	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DUYVHY	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DW2XYM	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

DXJTWG	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
EBQW2B	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
EE3V7P	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NT	NT
		NT	NT	NT	23	NT	12	NT	
EP326C	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
EU3LCM	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
EW2B7F	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
EZ34FE	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
F6UQM8	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
F7NF48	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
G3NNB2	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

G4DVTC	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
G6L7CA	PowerPlex® Y	2	14	11,13	13	29	24	11	14	13
			15	12	13					
GR3MQK	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
H4RQP4	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HAWPZU	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
HAXFBH	PowerPlex® Y	2	14	11,13	13	29	24	11	14	13
			15	12	13					
HMLFTK	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
HU8JTZ	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HXX3JW	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
HYHHFM	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

J2C3CH	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JAV7L7	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
JFE CFR	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JPR8RD	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JRAHCB	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
JT62FX	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JW3JFB	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JXF9JM	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KA4TGP	PowerPlex® Y Y23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
KAMLB8	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

KBH6D9	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
KDB2UF	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
KE7FKE	PowerPlex® Y	2	14	11,13	13	29	24	11	14	13
			15	12	13					
KKLEHD	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	-
L2TLM8	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
L6WDV8	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
L9U6HB	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13					
LEHMWM	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
LLY7AU	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
LPETQK	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12	2	

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

LR6XJR	2						11		
LTU7NM	Yfiler® 2	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
LTZHAX	Yfiler® 2	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
M4XRG8	Fusion 2						11		
M98P9Z	Yfiler® 2	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
MYKVQC	PowerPlex® Y 23 2	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
N6Y9ZU	Yfiler® 2	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
N7TY7A	Yfiler® 2	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
NDW9Q4	PowerPlex® Y 23 2	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
NGGTC6	Yfiler® 2	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

NLPBED	PowerPlex® Y 23	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
NTCU69	PowerPlex® Y 23	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
P2KQMK	Yfiler®	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
P7QNNC	Yfiler®	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PDBNEA	PowerPlex® Y	14	11,13	13	29	24	11	14	13
		15	12	13					
PHNBBZ	PowerPlex® Y 23	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
PJXFL4	Yfiler®	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PKT2BN	Yfiler®	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PPL3FM	Yfiler®	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PUJLGL	Yfiler®	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

QDT7QU	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QK8ZGW	PowerPlex® Y 2	14	11,13	13	29	24	11	14	13
		15	12	13					
QP4C74	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QQYU86	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
QW36RH	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
R4URE9	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
RAL689	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
RFRLTQ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RGM98F	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RH3GJP	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

RR4X4Z	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RVPNKW	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
TBF6UL	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
TG27ZQ	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
TZRBG4	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UGKACX	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UJ9LAH	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
ULVALH	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UW7BRV	2						11		
								2	
UY2BB7	PowerPlex® Y 2	14	11,13	13	29	24	11	14	13
		15	12	13					

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

UYE22C	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	n/t	n/t
		n/t	n/t	n/t	23	n/t	12	n/t	
VB4EFY	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VE2XFC	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
VKB7AM	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VWLK9F	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VWLPJH	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
VX2YKV	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VX3D7	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VZPD6Y	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
W2CEJL	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

W382XB	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
W86AT7	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
WYRCU2	PowerPlex® Y Y23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
XAK9DE	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XAQ9MV	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
XBEU6K	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XEHRFD	PowerPlex® Y 23 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
XFTE8Z	Yfiler® 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XHXBK2	2						11		
								2	
XK6GVG	Yfiler® plus 2	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
			17	18	23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

XMUTT2	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
XN6P3C	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
XRMU72	PowerPlex® Y	2	14	11,13	13	29	24	11	14	13
			15	12	13					
XV6YX6	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
XWD3GU	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
Y27JDL	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
Y72JJU	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
YDLHA3	PowerPlex® Y	2	14	11,13	13	29	24	11	14	13
			15	12	13					
YEULXY	PowerPlex® Y	2	14	11,13	13	29	24	11	14	13
			15	12	13					
YFPG48	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 2 - YSTR Results

YLRHA4	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
YQ3QJK	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
YR4CLR	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
YYHEC2	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
Z2KPR2	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	N/A	N/A
			N/A	N/A	N/A	23	N/A	12	N/A	
ZADMU4	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
ZGZJNK	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ZH8YWC	Yfiler®	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ZH9MBG	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
ZVHGMU	PowerPlex® Y 23	2	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

436HBA	Yfiler® 3	No result	No result	No result	No result	No result	No result	No result	No result
		No result	No result	No result	No result	No result	No result	-	-
		-	-	-	No result	-	No result	-	-
6NZLPL	Yfiler® 3								
766AFR	Yfiler® 3	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
8HP839	Globalfiler 3						NA		
								NA	
9B6ECU	PowerPlex® Y 23 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
A8ZDMG	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
ALH2YZ	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
CE9GWM	Yfiler® 3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
EE3V7P	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NT
		NT	NT	NT	NR	NT	NR	NT	NT
EU3LCM	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

G4DVTC	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
HAXFBH	no male DNA detected 3								
HYHHFM	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
KDB2UF	PowerPlex® Y 23 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
KKLEHD	Yfiler® 3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
LPETQK	Yfiler® 3								
LTZHAX	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
N7TY7A	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
QQYU86	Yfiler® 3	14	11,13	13	29	24	11		13
		15			18	16	17		
							12		
RAL689	PowerPlex® Y 23 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 3 - YSTR Results

W2CEJL	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
W86AT7	PowerPlex® Y 23 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
XMUTT2	Yfiler® 3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
Y72JJU	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
Z2KPR2	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	N/A	N/A
		N/A	N/A	N/A	NR	N/A	NR	N/A	

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

Item 3e - YSTR Results

LR6XJR

3e

11

RR4X4Z

Yfiler®

3e

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

Item 3sp - YSTR Results

LR6XJR

3sp

11

RR4X4Z

Yfiler®

3sp

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4 - YSTR Results

766AFR	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7AEQQ2	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8TJNM3	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
973PHZ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
9G8HCZ	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AAKCTY	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JXF9JM	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LTU7NM	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
MYKVQC	PowerPlex® Y 23 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
N7TY7A	Yfiler® 4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4 - YSTR Results

PUJLGL	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
RGM98F	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
TZRBG4	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
ULVALH	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
W382XB	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
WYRCU2		4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
XEHRFD	PowerPlex® Y 23	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
XFTE8Z	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
XK6GVG	Yfiler® plus	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
				17	18	23		12		
XN6P3C	Yfiler®	4	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	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 4 - YSTR Results

YYHEC2	PowerPlex® Y 23								
	4	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

2KED4H	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
2YCR2Q	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
2YYLQ	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
37QTYF	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3APG8A	Yfiler® 4e								
3B6D2U	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
3E8ARP	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3H39X8	PowerPlex® Y PPY23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
3MCLGR	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
436HBA	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

4AQJJK	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4EKG CW	PowerPlex® Y								
	4e	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT					
4FRP8B	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4JX44G	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4NKXW8	Yfiler®								
	4e								
64EX6M	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
6JL2M8	Yfiler®								
	4e								
6LWUPL	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6N2H8X	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
6NZLPL	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

6QPXG6	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6TYV3A	4e						11		
								2	
7QMQRH	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
7TCQC9	Yfiler® 4e								
7TPKGM	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
7Y6RF8	Yfiler® 4e								
887XA9	Yfiler® 4e								
8AV6U6	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8F4EAD	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8HAY2K	PowerPlex® Y Y23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

8HP839	Globalfiler 4e						[11]		
								[2]	
8RRKZM	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8W6GQH	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8XM6DJ	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
98679J	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
9B6ECU	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
9QVGTX	Globalfiler 4e						[11]		
								[2]	
A8ZDMG	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AHFAJ8	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AKP8YB	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

ALH2YZ	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AR7JGH	PowerPlex® Y Y23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
AZEFW9	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
B8GMFH	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
BF32NT	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
BJLU42	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
BN2DDV	Yfiler® , Yindel/DYS391 - Globalfiler 4e								
							[11]		
									[2]
C3ECCT	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
C8CPHR	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CE9GWM	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

CHTCRR	Yfiler® 4e								
CL94FZ	Yfiler® 4e								
D3DT9Q	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
D9ZF6G	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
DDCDQH	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
DNTD37	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
DUYVHY	Yfiler® 4e						11 12	14	
DW2XYM	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
DXJTWG	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
EBQW2B	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

EE3V7P	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NT	NT
		NT	NT	NT	23	NT	12	NT	
EP326C	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
EU3LCM	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
EW2B7F	PowerPlex® Y 23								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
EZ34FE	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
F7NF48	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
G3NNB2	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
G4DVTC	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
GR3MQK	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			
H4RQP4	Yfiler®								
	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

HAWPZU	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
HMLFTK	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
HU8JTZ	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HXX3JW	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HYHHFM	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JFE CFR	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JPR8RD	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JRAHCB	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
JT62FX	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JW3JFB	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

KA4TGP	PowerPlex® Y Y23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
KAMLB8	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KBH6D9	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KDB2UF	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
KKLEHD	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
L2TLM8	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
L9U6HB	PowerPlex® Y 4e	14	11,13	13	29	24	11	14	13
		15	12	13					
LEHMWM	Yfiler® 4e								
LLY7AU	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LPETQK	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12	2	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

LTZHAX	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
M98P9Z	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
N6Y9ZU	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
NDW9Q4	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
NGGTC6	Yfiler® 4e								
NLPBED	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
NTCU69	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
P2KQMK	Yfiler® 4e								
PHNBBZ	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
PKT2BN	Yfiler® 4e								

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

PPL3FM	Yfiler® 4e								
QDT7QU	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
QQYU86	Yfiler® , PowerPlex® Y 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
QW36RH	Yfiler® 4e								
R4URE9	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
RAL689	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
RFRLTQ	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
RH3GJP	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
RR4X4Z	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
RVPNKW	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

TBF6UL	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
TG27ZQ	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UGKACX	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UJ9LAH	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UW7BRV	4e						11		
								2	
UY2BB7	PowerPlex® Y 4e	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A					
UYE22C	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	n/t	n/t
		n/t	n/t	n/t	23	n/t	12	n/t	
VB4EFY	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
VE2XFC	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	
VKB7AM	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
				23		12			

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

VWLK9F	Yfiler® 4e								
VWLPJH	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
VX2YKV	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
VZPD6Y	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
W2CEJL	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
W86AT7	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
XAK9DE	Yfiler® 4e	- -	- -	- -	- -	- -	- -	-	-
XAQ9MV	PowerPlex® Y 23 4e	14 15 12	11,13 12 17	13 13 18	29 18 23	24 16 10	11 17 12	14 24	13 13
XBEU6K	Yfiler® 4e	14 15	11,13 12	13 13	29 18 23	24 16	11 17 12	14	13
XMUTT2	Yfiler® 4e	14 15 -	11,13 12 -	13 13 -	29 18 23	24 16 -	11 17 12	14 - -	13 - -

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4e - YSTR Results

XWD3GU	4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
Y27JDL	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
Y72JJU	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
YEULXY	PowerPlex® Y 4e	14	11,13	13	29	24	11	14	13
		15	12	13					
YFPG48	Yfiler® 4e								
YLRHA4	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
YQ3QJK	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
YR4CLR	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
Z2KPR2	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
ZADMU4	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	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 4e - YSTR Results

ZGD8WY	GlobalFiler 4e						11		
								2	
ZGZJNK	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZH8YWC	Yfiler® 4e								
ZH9MBG	Yfiler® 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZVHG MU	PowerPlex® Y 23 4e	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

2KED4H	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
2YCR2Q	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
2YYLQ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
37QTYF	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3APG8A	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3B6D2U	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
3E8ARP	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
3H39X8	PowerPlex® Y PPY23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
3MCLGR	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
436HBA	Yfiler® 4sp	No result	No result	No result	No result	No result	No result	No result	No result
		No result	No result	No result	No result	No result	No result	-	-
		-	-	-	23	-	No result	-	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

4AQJJK	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4EKG CW	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
4FRP8B	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4JX44G	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
4NKXW8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
64EX6M	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6JL2M8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6LWUPL	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6N2H8X	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6NF3LZ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

6NZLPL	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
6QPXG6	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
6QQNRU	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
6TYV3A	4sp						11		
								2	
7QMQRH	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
7TCQC9	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
7TPKGM	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
7Y6RF8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
887XA9	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8AV6U6	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

8F4EAD	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8HAY2K	PowerPlex® Y Y23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8HP839	Globalfiler 4sp						11		
								2	
8MGMEI	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
8RRKZM	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8W6GQH	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
8XM6DJ	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
98679J	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
9B6ECU	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
9QVGTX	Globalfiler 4sp						11		
								2	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

9UVQYT	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
A8ZDMG	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AHFAJ8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AKP8YB	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ALH2YZ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
AR7JGH	PowerPlex® Y Y23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
AZEFW9	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
B8GMFH	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
BF32NT	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
BJLU42	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

BN2DDV	Yfiler® , Yindel/DYS391 - Globalfiler 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12	2	
C3ECCT	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
C8CPHR	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CE9GWM	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
CHTCRR	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
CL94FZ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
D3DT9Q	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
D9ZF6G	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DDCDQH	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
DNTD37	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

DUYVHY	Yfiler® 4sp	14	11,13	13	29	24			13
						16	17		
DW2XYM	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
DXJTWG	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
EBQW2B	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
EE3V7P	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NT	NT
		NT	NT	NT	23	NT	12	NT	
EH3CCR	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
EP326C	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
EU3LCM	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
EW2B7F	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
EZ34FE	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

F7NF48	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
G3NNB2	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
G4DVTC	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
G6L7CA	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
GR3MQK	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
H4RQP4	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HAWPZU	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
HAXFBH	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
HMLFTK	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
HU8JTZ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

HXX3JW	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
HYHHFM	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
J2C3CH	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JFECFR	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JPR8RD	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JRAHCB	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
JT62FX	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
JW3JFB	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KA4TGP	PowerPlex® Y Y23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
KAMLB8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

KBH6D9	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
KDB2UF	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
KE7FKE	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
KKLEHD	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
L2TLM8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
L6WDV8	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
L9U6HB	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
LEHMWM	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LLY7AU	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
LPETQK	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12	2	

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

LTZHAX	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
M98P9Z	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
N6Y9ZU	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
NDW9Q4	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
NGGTC6	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
NLPBED	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
NTCU69	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
P2KQMK	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
P7QNNC	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
PDBNEA	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

PHNBBZ	PowerPlex® Y 23	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
PJXFL4	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
PKT2BN	Yfiler®	4sp	16	13	24	29	17	14	11,13	13
			11	13	23	14	12	15	12	18
PPL3FM	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QDT7QU	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QK8ZGW	PowerPlex® Y	4sp	14	11,13	13	29	24	11	14	13
			15	12	13					
QP4C74	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QQYU86	Yfiler® , PowerPlex® Y	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
QW36RH	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
R4URE9	PowerPlex® Y 23	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

RAL689	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
RFRLTQ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RH3GJP	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
RR4X4Z	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
RVPNKW	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
TBF6UL	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
TG27ZQ	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
UGKACX	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UJ9LAH	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
UW7BRV	4sp						11		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

UY2BB7	PowerPlex® Y	4sp	14	11,13	13	29	24	11	14	13
			15	12	13					
UYE22C	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	n/t	n/t
			n/t	n/t	n/t	23	n/t	12	n/t	
VB4EFY	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VE2XFC	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	-	-
			-	-	-	23	-	12	-	
VKB7AM	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VWLK9F	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VWLPJH	PowerPlex® Y 23	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		
VX2YKV	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VXZ3D7	Yfiler®	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17		
						23		12		
VZPD6Y	PowerPlex® Y 23	4sp	14	11,13	13	29	24	11	14	13
			15	12	13	18	16	17	24	13
			12	17	18	23	10	12		

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

W2CEJL	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
W86AT7	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
XAK9DE	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XAQ9MV	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
XBEU6K	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XMUTT2	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	-	-
		-	-	-	23	-	12	-	-
XRMU72	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					
XV6YX6	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
XWD3GU	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		
Y27JDL	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
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Item 4sp - YSTR Results

Y72JJU	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

YDLHA3	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					

YEULXY	PowerPlex® Y 4sp	14	11,13	13	29	24	11	14	13
		15	12	13					

YFPG48	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

YLRHA4	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

YQ3QJK	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		

YR4CLR	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

Z2KPR2	Yfiler® 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	

ZADMU4	PowerPlex® Y 23 4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

ZGD8WY	GlobalFiler 4sp						11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
Item 4sp - YSTR Results									
ZGZJNK	Yfiler®								
	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZH8YWC	Yfiler®								
	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZH9MBG	Yfiler®								
	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17		
					23		12		
ZVHGMU	PowerPlex® Y 23								
	4sp	14	11,13	13	29	24	11	14	13
		15	12	13	18	16	17	24	13
		12	17	18	23	10	12		

Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4e	Item 4sp
D6S1043	7TCQC9	11,20	11,17	11,20	11,17,20	11,17
	7Y6RF8	11,20	11,17	11,20	11,17,20	11,17
	9L8V76	11,20	11,17	11,20	11,17,20	11,17
DYS391	6NF3LZ	NR	11	NR	11	11
	8NA8FZ	NR	11	NR	11	11
	8XM6DJ		11			
	JFECFR		11		11	11
	PHNBBZ		11			
	XAQ9MV		11			

DNA Interpretations

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

TABLE 5

WebCode	<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
23RCU9	Yes	Yes	No	Yes	4EKG CW	Yes	Yes	No	Yes
2DD7G3	Yes	Yes	No	Yes	4FRP8B	Yes	Yes	No	Yes
2GBUQH	Yes	Yes	No	Yes	4JX44G	Yes	Yes	No	Yes
2JXGD4	Yes	Yes	No	Yes	4LXAK8	Yes	Yes	No	Yes
2KED4H	Yes	Yes	No	Yes	4NKXW8	Yes	Yes	No	Yes
2RTGTW	Yes	Yes	No	Yes	4QDW2X	Yes	Yes	No	Yes
2YCR2Q	Yes	Yes	No	Yes	4ZLC6K	Yes	Yes	No	Yes
2YYYLQ	Yes	Yes	No	Yes	64EX6M	Yes	Yes	No	Yes
37QTYF	Yes	Yes	No	Yes	64FJW9	Yes	No	No	Yes
3APG8A	Yes	Yes	No	Yes	6649YZ	Yes	Yes	No	Yes
3B6D2U	Yes	Yes	No	Yes	68WVZ4	Yes	Yes	No	Yes
3E8ARP	Yes	Yes	No	Yes	6ALGED	Yes	Yes	No	Yes
3H39X8	Yes	Yes	No	Yes	6JL2M8	Yes	Yes	No	Yes
3MCLGR	Yes	Yes	No	Yes	6LBCH7	Yes	Yes	No	Yes
3N84G8	Yes	Yes	No	Yes	6LWUPL	Yes	Yes	No	Yes
3UTYHB	Yes	Yes	No	Yes	6N2H8X	Yes	Yes	No	Yes
3W34VZ	Yes	Yes	No	Yes	6NF3LZ	Yes	Yes	No	Yes
42UQA7	Yes	Yes	No	Yes	6NNQHM	Yes	Yes	No	Yes
436HBA	Yes	Yes	No	Yes	6NZLPL	Yes	Yes	No	Yes
49EKRW	Yes	Yes	No	Yes	6QPXG6	Yes	Yes	No	Yes
4AQJKK	Yes	Yes	No	Yes	6QQNRU	Yes	Yes	No	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
6RKJ8B	Yes	Yes	No	Yes	8W4FUJ	Yes	Yes	No	Yes
6TYV3A	Yes	Yes	No	Yes	8W6GQH	Yes	Yes	No	Yes
766AFR	Yes	Yes	No	Yes	8XM6DJ	Yes	Yes	No	Yes
769YTP	Yes	Yes	No	Yes	8YR8Q2	Yes	Yes	No	Yes
7AEQQ2	Yes	Yes	No	Yes	973PHZ	Yes	Yes	No	Yes
7C8KKP	Yes	Yes	No	Yes	98679J	Yes	Yes	No	Yes
7MP66L	Yes	Yes	No	Yes	9AUFFZ	Yes	Yes	No	Yes
7QMQRH	Yes	Yes	No	Yes	9B6ECU	Yes	Yes	No	Yes
7TCQC9	Yes	Yes	No	Yes	9C2QEN	Yes	Yes	No	Yes
7TPKGM	Yes	Yes	No	Yes	9CZZ4Z	Yes	Yes	No	Yes
7Y6RF8	Yes	Yes	No	Yes	9F2YKK	Yes	Yes	No	Yes
84PBV3	Yes	Yes	No	Yes	9G8HCZ	Yes	Yes	No	Yes
87CVXQ	Yes	Yes	No	Yes	9JV6VF	Yes	Yes	No	Yes
887XA9	Yes	Yes	No	Yes	9L8V76	Yes	Yes	No	Yes
8AV6U6	Yes	Yes	No	Yes	9QVGTX	Yes	Yes	No	Yes
8F4EAD	Yes	Yes	No	Yes	9TH76X	Yes	Yes	No	Yes
8HAY2K	Yes	Yes	No	Yes	9UVQYT	Yes	Yes	No	Yes
8HP839	Yes	Yes	No	Yes	9ZKB3A	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8MGMEL	Yes	Yes	No	Yes	A8ZDMG	Yes	Yes	No	Yes
8NA8FZ	Yes	Yes	No	Yes	AAKCTY	Yes	Yes	No	Yes
8RRKZM	Yes	Yes	No	Yes	AAPPFV	Yes	Yes	No	Yes
8TJNM3	Yes	Yes	No	Yes	AGRH2C	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
AHFAJ8	Yes	Yes	No	Yes	CHQQUQ	Yes	Yes	No	Yes
AKP8YB	Yes	Yes	No	Yes	CHTCRR	Yes	Yes	No	Yes
ALH2YZ	Yes	Yes	No	Yes	CL94FZ	Yes	Yes	No	Yes
AR7JGH	Yes	Yes	No	Yes	CRF9TT	Yes	Yes	No	Yes
ATZ8XR	Yes	Yes	No	Yes	D3DT9Q	Yes	Yes	No	Yes
AZEFW9	Yes	Yes	No	Yes	D9ZF6G	Yes	Yes	No	Yes
B236PZ	Yes	Yes	No	Yes	DCE82C	Yes	Yes	No	Yes
B2HLKT	Yes	Yes	No	Yes	DCWD8T	Yes	Yes	No	Yes
B8GMFH	Yes	Yes	No	Yes	DDCDQH	Yes	Yes	No	Yes
B8UE4T	Yes	Yes	No	Yes	DNTD37	Yes	Yes	No	Yes
BAKKM4	Yes	Yes	No	Yes	DQZLEC	Yes	Yes	No	Yes
BDZ3Q8	Yes	Yes	No	Yes	DUYVHY	Yes	Yes	No	Yes
BEUKZV	Yes	Yes	No	Yes	DW2XYM	Yes	Yes	No	Yes
BF32NT	Yes	Yes	No	Yes	DXJTWG	Yes	Yes	No	Yes
BJLU42	Yes	Yes	No	Yes	EBQW2B	Yes	Yes	No	Yes
BN2DDV	Yes	Yes	No	Yes	EC9CVB	Yes	Yes	No	Yes
BQN2PW	Yes	Yes	No	Yes	EE3V7P	Yes	Yes	No	Yes
BTYPG9	Yes	Yes	No	Yes	EH3CCR	Yes	Yes	No	Yes
C3ECCT	Yes	Yes	No	Yes	EP326C	Yes	Yes	No	Yes
C8CPHR	Yes	Yes	No	Yes	EU3LCM	Yes	Yes	No	Yes
CB9DWD	No Interpretations Reported, DNA Analyzed for Database purposes only.				EUYDVM	Yes	Yes	No	Yes
CE9GWM	Yes	Yes	No	Yes	EW2B7F	Yes	Yes	No	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EXFL9E	Yes	Yes	No	Yes	HPTW33	Yes	Yes	No	Yes
EZ34FE	Yes	Yes	No	Yes	HU8JTZ	Yes	Yes	No	Yes
F6UQM8	No Interpretations Reported, DNA Analyzed for Database purposes only.				HVGKX8	Yes	Yes	No	Yes
F7NF48	Yes	Yes	No	Yes	HVUALR	Yes	Yes	No	Yes
FGJRZT	Yes	Yes	No	Yes	HXX3JW	Yes	Yes	No	Yes
FHHXCL	Yes	Yes	No	Yes	HYHHFM	Yes	Yes	No	Yes
FQWMAU	No Interpretations Reported, DNA Analyzed for Database purposes only.				J2C3CH	Yes	Yes	No	Yes
G3NNB2	Yes	Yes	No	Yes	J2Z4H9	Yes	Yes	No	Yes
G4DVTC	Yes	Yes	No	Yes	J628AV	Yes	Yes	No	Yes
G6L7CA	Yes	Yes	No	Yes	JAV7L7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
GECRH8	No Interpretations Reported, DNA Analyzed for Database purposes only.				JFECFR	Yes	Yes	No	Yes
GPAP68	No Interpretations Reported, DNA Analyzed for Database purposes only.				JPR8RD	Yes	Yes	No	Yes
GR3MQK	Yes	Yes	No	Yes	JRAHCB	Yes	Yes	No	Yes
GTYU7Q	Yes	Yes	No	Yes	JT62FX	Yes	Yes	No	Yes
H4RQP4	Yes	Yes	No	Yes	JW3JFB	Yes	Yes	No	Yes
HAWPZU	Yes	Yes	No	Yes	JXF9JM	Yes	Yes	No	Yes
HAXDLE	Yes	Yes	No	Yes	K42NKY	Yes	Yes	No	Yes
HAXFBH	Yes	Yes	No	Yes	K8XC4R	Yes	Yes	No	Yes
HET3V7	No Interpretations Reported, DNA Analyzed for Database purposes only.				K9CPWW	Yes	Yes	No	Yes
HFNUVJ	Yes	Yes	No	Yes	K9RXUX	Yes	Yes	No	Yes
HKEDQM	Yes	Yes	No	Yes	K9YTTC	Yes	Yes	No	Yes
HMLFTK	Yes	Yes	No	Yes	KA4TGP	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KALNZC	Yes	Yes	No	Yes	LR6XJR	Yes	Yes	No	Yes
KAMLB8	Yes	Yes	No	Yes	LR6Z9W	Yes	Yes	No	Yes
KBH2M6	Yes	Yes	No	Yes	LTU7NM	Yes	Yes	No	Yes
KBH6D9	Yes	Yes	No	Yes	LTZHAX	Yes	Yes	No	Yes
KDB2UF	Yes	Yes	No	Yes	LUGJLZ	Yes	Yes	No	Yes
KE7FKE	Yes	Yes	No	Yes	LWHQKJ	Yes	Yes	No	Yes
KJYNPL	Yes	Yes	No	Yes	M4XRG8	Yes	Yes	No	Yes
KKLEHD	Yes	Yes	No	Yes	M98P9Z	Yes	Yes	No	Yes
KPDLZL	Yes	Yes	No	Yes	MAKJQL	Yes	Yes	No	Yes
KU3WCY	Yes	Yes	No	Yes	MD6BZ3	Yes	Yes	No	Yes
KXH8NG	Yes	Yes	No	Yes	MDLME2	Yes	Yes	No	Yes
L2TLM8	Yes	Yes	No	Yes	MN9GZW	Yes	Yes	No	Yes
L4VTEY	Yes	Yes	No	Yes	MP33R3	Yes	Yes	No	Yes
L6WDV8	Yes	Yes	No	Yes	MXBWKA	Yes	Yes	No	Yes
L9PLTM	Yes	Yes	No	Yes	MYKVQC	Yes	Yes	No	Yes
L9U6HB	Yes	Yes	No	Yes	MZUYKM	Yes	Yes	No	Yes
LA7T3B	Yes	Yes	No	Yes	N6Y9ZU	Yes	Yes	No	Yes
LAR3H8	Yes	Yes	No	Yes	N7TY7A	Yes	Yes	No	Yes
LEHMWM	Yes	Yes	No	Yes	NDW9Q4	Yes	Yes	No	Yes
LLY7AU	Yes	Yes	No	Yes	NFNXU3	Yes	Yes	No	Yes
LPETQK	Yes	Yes	No	Yes	NGGTC6	Yes	Yes	No	Yes
LPYEGP	Yes	Yes	No	Yes	NLPBED	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NTCU69	Yes	Yes	No	Yes	QPXDHK	Yes	Yes	No	Yes
NTRPF2	Yes	Yes	No	Yes	QQYU86	Yes	Yes	Yes	Yes
NUNNRZ	Yes	Yes	No	Yes	QW36RH	Yes	Yes	No	Yes
NW9MUW	Yes	Yes	No	Yes	R3MFQ6	Yes	Yes	No	Yes
P2J4WX	Yes	Yes	No	Yes	R4URE9	Yes	Yes	No	Yes
P2KQMK	Yes	Yes	No	Yes	RAL689	Yes	Yes	No	Yes
P7QNNC	Yes	Yes	No	Yes	RBGGA4	Yes	Yes	No	Yes
PDBNEA	Yes	Yes	No	Yes	RFRLTQ	Yes	Yes	No	Yes
PHNBBZ	Yes	Yes	No	Yes	RGM98F	Yes	Yes	No	Yes
PJXFL4	Yes	Yes	No	Yes	RH3GJP	Yes	Yes	No	Yes
PJYFKH	Yes	Yes	No	Yes	RR4X4Z	Yes	Yes	No	Yes
PKT2BN	Yes	Yes	No	Yes	RTHBYN	Yes	Yes	No	Yes
PPL3FM	Yes	Yes	No	Yes	RVPNKW	Yes	Yes	No	Yes
PTP2QF	Yes	Yes	No	Yes	T6EUWU	Yes	Yes	No	Yes
PUJLGL	Yes		No	Yes	TBF6UL	Yes	Yes	No	Yes
Q2QU8L	Yes	Yes	No	Yes	TBF9C4	Yes	Yes	No	Yes
QDT7QU	Yes	Yes	No	Yes	TBYWX6	Yes	Yes	No	Yes
QFDZLA	Yes	Yes	No	Yes	TG27ZQ	Yes	Yes	No	Yes
QGEGBU	Yes	Yes	No	Yes	THDYNE	Yes	Yes	No	Yes
QK8ZGW	Yes	Yes	No	Yes	TM7XDV	Yes	Yes	No	Yes
QKRHYK	Yes	Yes	No	Yes	TMNVML	Yes	Yes	No	Yes
QP4C74	Yes	Yes	No	Yes	TPCLFD	Yes	Yes	No	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
TTTWLV	Yes	Yes	No	Yes	VE2XFC	Yes	Yes	No	Yes
TVZWZA	Yes	Yes	No	Yes	VFJP6P	Yes	Yes	No	Yes
TZC62E	Yes	Yes	No	Yes	VKB7AM	Yes	Yes	No	Yes
TZRBG4	Yes	Yes	No	Yes	VNWMUT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
U9MJRM	Yes	Yes	No	Yes	VP7QAD	Yes	Yes	No	Yes
UET3ZN	Yes	Yes	No	Yes	VQFTZH	Yes	Yes	No	Yes
UGKACX	Yes	Yes	No	Yes	VUEA97	Yes	Yes	No	Yes
UJ9LAH	Yes	Yes	No	Yes	VWLK9F	Yes	Yes	No	Yes
UJKNC9	Yes	Yes	No	Yes	VWLPJH	Yes	Yes	No	Yes
ULVALH	Yes	Yes	No	Yes	VX2YKV	Yes	Yes	No	Yes
UM6837	Yes	Yes	No	Yes	VXZ3D7	Yes	Yes	No	Yes
UNFHAA	Yes	Yes	No	Yes	VZPD6Y	Yes	Yes	No	Yes
UW7BRV	Yes	Yes	No	Yes	W2CEJL	Yes	Yes	No	Yes
UXQB9K	Yes	Yes	No	Yes	W382XB	Yes	Yes	No	Yes
UY2BB7	Yes	Yes	No	Yes	W86AT7	Yes	Yes	No	Yes
UYE22C	Yes	Yes	No	Yes	W9GYZP	Yes	Yes	No	Yes
UZRNLK	Yes	Yes	No	Yes	WACKRV	Yes	Yes	No	Yes
V47HYN					WCT3DK	Yes	Yes	No	Yes
V9ZLV2	Yes	Yes	No	Yes	WDMTJZ	Yes	Yes	No	Yes
VB4EFY	Yes	Yes	No	Yes	WGBEGG	Yes	Yes	No	Yes
VCYXJL	Yes	Yes	No	Yes	WL8TBX	Yes	Yes	No	Yes
VDTNPZ	Yes	Yes	No	Yes	WN82GT	Yes	Yes	No	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
WNDGPN	Yes	Yes	No	Yes	YEULXY	Yes	Yes	No	Yes
WR8BMP	Yes	Yes	No	Yes	YFPG48	Yes	Yes	No	Yes
WYRCU2	Yes	Yes	No	Yes	YFQ8EW	Yes	Yes	No	Yes
XAK9DE	Yes	Yes	No	Yes	YLRHA4	Yes	Yes	No	Yes
XAQ9MV	Yes	Yes	No	Yes	YQ3QJK	Yes	Yes	No	Yes
XBEU6K	Yes	Yes	No	Yes	YR4CLR	Yes	Yes	No	Yes
XEHRFD	Yes	Yes	No	Yes	YRJLN2	Yes	Yes	No	Yes
XFTE8Z	Yes	Yes	No	Yes	YULKH7				
XHXBK2	Yes	Yes	No	Yes	YYGDUA	Yes	Yes	No	Yes
XJBH94	Yes	Yes	No	Yes	YYHEC2	Yes	Yes	No	Yes
XK6GVG	Yes	Yes	No	Yes	YZYCYX	Yes	Yes	No	Yes
XMUTT2	Yes	Yes	No	Yes	Z2KPR2	Yes	Yes	No	Yes
XN6P3C	Yes	Yes	No	Yes	Z4QVMB	Yes	Yes	No	Yes
XRMU72	Yes	Yes	No	Yes	ZADMU4	Yes	Yes	No	Yes
XV6YX6	Yes	Yes	No	Yes	ZGD8WY	Yes	Yes	No	Yes
XVNVYJ	Yes	Yes	No	Yes	ZGHKEU	Yes	Yes	No	Yes
XWD3GU	Yes	Yes	No	Yes	ZGYLGW	Yes	Yes	No	Yes
XXNAH3	Yes	Yes	No	Yes	ZGZJNK	Yes	Yes	No	Yes
Y27JDL	Yes	Yes	No	Yes	ZH8YWC	Yes	Yes	No	Yes
Y6BD2H	Yes	Yes	No	Yes	ZH9MBG	Yes	Yes	No	Yes
Y72JJU	Yes	Yes	No	Yes	ZN2VNN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
YDLHA3	Yes	Yes	No	Yes	ZRDQHZ	Yes	Yes	No	Yes

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZVHGMU	Yes	Yes	No	Yes					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 351		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
Responses		Victim (Item 1)		Suspect (Item 2)	
		Item 3	Item 4	Item 3	Item 4
	Yes	339	337	1	339
	No	0	1	338	0
Inc	0	0	0	0	

Participants not reporting Interpretation results: 12

Additional Comments

TABLE 6

WebCode	Additional Comments
2DD7G3	A reproducible low-level 15 third allele was detected in CSF1PO for both item 3 and the victim's reference (item 1). Since the victim's reference is presumed to be single source and there are no other signs of a mixture in the STR typing results, this may represent a genetic anomaly.
2JXGD4	For Item 1, CSF1PO contains three alleles. Allele 15 is in a stutter position, but is elevated; therefore, this allele was not removed. For Item 3, CSF1PO contains four alleles. Alleles 13 and 15 are in stutter positions, but are slightly elevated. This is still considered a single-source profile; CSF1PO was dropped from statistical calculations.
2KED4H	For the Question sample 4e fraction additional data was observed. An 18 allele was observed at D8S1179 and a 15 allele was observed at CSF1PO but cannot be conclusively interpreted.
2RTGTW	I observed elevated n+4 (15-allele calling at as high as 14%) at CSF1PO in Items 3 and 4. Item 3 was extracted twice and the n+4 came up both times. Item 4 was extracted three times and it showed up twice in the epithelial fraction. The elevated n+4 didn't call in the GlobalFiler express direct amp of Item 1. Item 3[sic] was extracted three times due to drop out and low level/mixture being detected in the sperm fraction. During serology, a rating of 2/3+ sperm cells was given for item 4. During the differential extractions of item 4, additional slides were made of the extract and no sperm were observed in all three extractions. After the third extraction of item 4, I was able to major in the sperm fraction at 11 loci according to [Laboratory] procedures.
2YYYLQ	Sexual assault cases are screened in the Forensic Biology Unit prior to being processed in the DNA Unit. Samples #3 & #4 were tested and the following results were generated: #3 RSID-blood and HemaTrace positive, Semen negative, amylase negative, Urine negative, and Urobilinogen negative. #4 RSID-blood and HemaTrace positive, Extract smears: SH 2+ positive, CT 1+ positive, P30 positive and amylase negative. Analyst taking this test conducted KM screening on samples #3 & #4. The following results were generated: #3 KM positive and #4 KM positive. Note: Identifiler Plus and Minifiler results concordant (although item #1 triallele at CSF:15 is not detected in Minifiler result).
37QTYF	Victim Item 1 - peaks were observed in the 10, 14, 15 bin locations at CSF (the 15 peak is in N+4 position at 12.65%), the 15 is inconclusive as to possible N+4, possible tri-allele pattern or other genetic anomaly. The locus was not used for comparison or statistics.
3E8ARP	Identifiler Plus and Minifiler results are concordant except that items #1 and #3 CSF1PO 15 allele is not detected in Minifiler results. All serological testing done by Forensic Biology analyst. [From Table 1 - Serology Screening Results, Item 3: "*INC AP result - unable to discern color change [due to reddish-brown color."]
3W34VZ	Item 3, CSF1PO locus: Possible elevated stutter was detected for the 14 allele, in the N+4 position, using the Minifiler kit.
42UQA7	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
4EKGCW	for items 1, 3 and 4: CSF1PO - triallelic locus, a third peak "15" was noted - low peak height.
4QDW2X	In items 1, 3 and 4 (epithelial fraction) a 15 was observed at CSF1PO and it could not be determined whether it is an artifact or true allele, therefore the 15 was not included in the above table. Alleles below the stochastic threshold (700rfu) from item 4 sperm fraction at loci with only 3 alleles are not included in the above table due to the alleles not being reproduced: 13 allele at D13S317 and 32.2 allele at D21S11.
64EX6M	All serological testing except KM were performed by analyst in Forensic biology unit. KM testing performed by DNA testing analyst. Minifiler and Identifiler Plus results were concordant at all overlapping test sites for each sample.
68WVZ4	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.

WebCode	Additional Comments
6N2H8X	An elevated n+4 stutter from allele "14" of the CSF1PO locus was detected for Item 1, Item 3 and the epithelial fraction of Item 4 when the Identifiler Plus kit was used. The elevated stutter could be a PCR artefact or caused by rare somatic mutation at the heterozygous locus. This elevated stutter was not detected with the Minifiler kit.
6QPXG6	-- (dashes) = Possible additional genetic information may be present. The profile obtained at CSF for Item 1 and Item 3 = 10,14,15. There was no indication of any extra data across the rest of the profile. Item 1 and Item 3 appear to have a tri-allelic pattern at CSF. The profile obtained at 4X1(4e) is consistent with a mixture of the victim and suspect to include the tri-allelic pattern for the victim at CSF.
6QQNRU	Anomalous low level peak (15) seen at CSF1PO in items 1, 3 and 4. Possible tri-allele or genetic mutation.
6TYV3A	The inconclusive result on Item #4sp at D21S11 was due to the peak heights of the 28 and 31.2 alleles falling below the laboratory cutoff value of 60%.
766AFR	NR = no results. Item 3 and Item 4 were tested in MiniFiler and the results were concordant with Identifiler Plus.
769YTP	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
7AEQQ2	Item 1, Known blood from female victim, has additional genetic data detected at CSF1PO. A 15 allele was detected which is in the forward stutter position of the 14 allele however, was outside our validated forward stutter thresholds.
7C8KKP	Item #1 and epithelial fraction of Item #4 showed a 15 allele at CSF1PO which was relabeled as an inconclusive allele (possible elevated n+4 stutter or possible tri-allelic locus).
7MP66L	For Sample 3: Minor allele at the N+4 stutter position at CSF1PO. No other indication of minor allele in profile, but the relative height to the parent peak is high for an N+4 stutter, therefore deemed inconclusive. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
7Y6RF8	NR = not reportable
84PBV3	I observed a very low-level 15 peak (indeterminate possible allele) at CSF for items 3 and 1. Both of these samples appear to otherwise be from a single source. No other indication these samples are mixtures. Unsure if this peak is elevated N+4 stutter or a true tri-allele.
8B7VAZ	This test is intended as a stain identification/serological screening proficiency only. I, [Name], am not yet a fully competent DNA analyst.
8F4EAD	A minor 15 allele was observed at CSF1PO in Item 1 and Item 4e profiles. It may be elevated N+4 stutter.
8HP839	The peak height ratio for D2S1338 for the sperm fraction for Item #4 was less than 60 which is what we use for our heterozygote model, therefore I had to report that locus as inconclusive. The epithelial fraction for Item #4 was a mixture. I was able to pull out a major, but not at all loci/locations. This did not affect my comparisons.
8TJNM3	Additional genetic data, located within bin 15, detected at the CSF locus in samples 1 and 3. The peak was located in stutter position which fell within the laboratory's stutter threshold for that locus. As per laboratory protocol, the peak was edited as stutter in samples 1 and 3.
8W4FUY	A reproducible, possible tri-allelic genotype (10,14,15) was detected at CSF for Item 3. The low-level 15 allele however, could also possibly be elevated n+4 stutter. The same three alleles (10,14,15) were also detected at CSF for Item 1, however the low-level 15 allele was de-labeled as possible n+4 stutter based on the laboratory's n+4 stutter thresholds. Due to the uncertainty regarding the possibility of a tri-allelic genotype vs. elevated n+4 stutter at CSF for these two items, the 15 allele was determined to be inconclusive and was not reported.
973PHZ	A 15 allele at CSF1PO was detected in Items 1, 3, and 4. This peak fell above our validated stutter

WebCode	Additional Comments
973PHZ	A 15 allele at CSF1PO was detected in Items 1, 3, and 4. This peak fell above our validated stutter threshold and therefore had to be confirmed before being edited as stutter. A possible 10 allele at TH01 in the mixture from Item 4 was visible but did not resolve from the neighboring 9.3. This allele is consistent with the profile obtained from Item 2 (suspect's reference).
9AUFFZ	Item 1, Item 3, and the epithelial fraction of Item 4 have a possible triallele at CSF1PO.
9C2QEN	A possible low-level tri-allelic pattern was observed- possible CSF(15) allele was detected in Item-1, 3, and 4 Ep. The possible allele was designated INC.
9CZZ4Z	For items 1.1, the victim standard, and 1.3, torn fabric found at crime scene, a third allele (15) was detected at CSF1PO. This allele is above the +4 stutter percentages for PPX16, so it was not clicked off as +4 stutter. However, although not a tri-allele pattern documented by NIST for this locus, the rfu values do numerically fit a tri-allele pattern. Hence, CSF1PO was designated as a tri-allele locus for items 1.1 and 1.3. Allele 15 is also visible in the mixture profile from the non-sperm fraction from Item 1.4, but the GeneMapper software filtered it out at +4 stutter. This was not detected until comparisons to reference standards were made, therefore, the allele was not clicked back on.
9F2YKK	Inconclusive peaks were observed at CSF1PO in Item 1 and Item 3. In both of these samples, the peak was too tall to be considered n+4 stutter. As the peaks were reproducible in multiple samples, including a reference sample, it is possible that a tri-allele exists at CSF (15) for these samples.
9G8HCZ	Item 1, 3, and 4: a 15 allele at CSF was detected in these profiles in forward stutter position of the 14 allele, but is outside my laboratory's validated forward stutter threshold. Item 4: The 10 allele is believed to be present at TH01, contributed by the suspect, but is being masked by the large 9.3 allele (smoothed into the curve of the larger peak due to insufficient resolution).
9JV6VF	The victim's reference sample contained a tri-allele at CSF1PO; The two major alleles are 10,14 and the minor tri-allele is a 15. This tri-allele was observed in the "EC" fraction of Item 4 but was not observed above analytical threshold on item 3.
9L8V76	CSF1PO locus was not used for comparison of statistical analysis of any samples due to possible mutation in Item 1.
9UVQYT	For samples 3A-2PT and K1-1 there is an allele 15 at the CSF1PO locus that is in the n+4 stutter location that will not be edited. Both samples were re-amplified and confirmed with the same result.
A8ZDMG	*Screening tests performed by Forensic Biology Analyst, they also did KM. NR = No Results. Identifiler plus and minifiler results were concordant. I, the DNA analyst, performed my own KM testing.
AAKCTY	One additional peak (allele 15) was detected in the forward stutter position at CSF1PO in Items 1, 3 and 4. This peak was outside our normal stutter filter, but was not reported.
AGRH2C	Unique findings: In process of analysis I noted that the 10 peak at TH01 in the e.cell fraction of item 4 did not resolve. Per unit protocol for troubleshooting issues, the sample was re-injected on a separate instrument, then re-amped at 2 different concentrations and the peak in question still did not resolve. This information is captured in the sperm cell fraction of item 4.
AZEFW9	A peak at the 15 position of the CSF locus was detected for Items 1 and 3 at approximately 6% of the 14 allele. This same peak was not detected, but was observed below the peak amplitude threshold for Item 4's epithelial fraction. It appears to be inherent to the female profile for this test. It is inconclusive if this peak is a possible tri-allele pattern, elevated N+4, or some other genetic anomaly. It was considered inconclusive for reporting purposes.
B236PZ	Minor allele [15] reported at CSF1PO for the nonsperm fraction of item 4 also observed below analytical threshold in item 3 and item 1. The DNA profile obtained from item 3 and item 1 is consistent with being one of the contributors to the mixture in item 4NS.
BF32NT	Item 1 is a possible triallele at CSF. Allele 15 at this locus is in reverse stutter position for the analyzed peak, but because it is higher (10%) than is expected (max of 7%) for reverse stutter peaks, and is also higher than the associated stutter of stutter peak (which is normally approximately equivalent to reverse stutter peak heights), it does not follow the the characteristic morphology pattern of reverse stutter. It is

WebCode	Additional Comments
BF32NT	Item 1 is a possible triallele at CSF. Allele 15 at this locus is in reverse stutter position for the analyzed peak, but because it is higher (10%) than is expected (max of 7%) for reverse stutter peaks, and is also higher than the associated stutter of stutter peak (which is normally approximately equivalent to reverse stutter peak heights), it does not follow the the characteristic morphology pattern of reverse stutter. It is determined that CSF is a possible trisomic locus (10,14,15).
CE9GWM	1. Item 1 and Item 2 were extracted in situ and amplified using Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted using Chelex extraction method and quantify using Quantifiler Human DNA Kit and run with 7500 Real Time PCR. 3. Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus Kit. 4. Item 1 to Item 4 were amplified using Y-Filer Kit. 5. Item 1 to Item 4 were run electrophoresis using Genetic Analyzer 3130xl. 6. Reagent blank, positive control and negative control were carried out through the analysis.
CHQQUQ	A low-level 15-allele at the CSF1PO locus was observed for items 1, 3, and 4 (epithelial cell fraction) which may be an elevated N+4 stutter peak or possible third allele.
CRF9TT	Item 1 and 3 - the CSF1PO locus will not be used for statistics. Allele 15 is in the reverse stutter position, but not acting like reverse stutter (no indication sample is overloaded at other loci). It is above our lab's stochastic threshold, so going to include it as an allele, but the peak height is imbalance with the other 2 alleles at that locus and the rest of the profile. Item 4 - the CSF1PO locus will not be used for statistics. Allele 15 is in the reverse stutter position, but not acting like reverse stutter (no indication sample is overloaded at other loci). There are 5 alleles at that locus, could be a minor component, but no other indication at the other loci (or minor alleles with a similar peak height). Allele 15 is above our lab's analytical threshold, but below our stochastic threshold, so this locus will not be used for stats. I am going to leave it in the profile, but noted the peak height is much lower than all other alleles in profile.
D3DT9Q	For Items 3 and 1 a possible tri-allelic pattern was observed at CSF (10,14,15). This possible tri-allelic pattern could also account for the 5 alleles observed at CSF (10,11,12,14,15) for Item 4e. The (15) allele at CSF could not conclusively be determined to be n+4.
DQZLEC	The amylase test for saliva had an equipment malfunction resulting in the inconclusive result.
EC9CVB	^ =Alleles below stochastic. It would be helpful to be able to report conclusions for EF separately than SF.
EE3V7P	NR = No typing result obtained at this locus. NT = not typed at this locus. * A reproducible CSF1PO "15" allele was detected for both Item 1 and Item 3. This allele was present at a lower level than the "10" and "14" alleles in both samples. There were no other indications of a mixture for these samples. Since Item 1 is reportedly single source (a reference sample) and Item 3 appears to be single source (is the same profile as Item 1), the minor type may be a genetic anomaly.
EUYDVM	An extra DNA peak was observed at the CSF1PO locus for items 1 and 3. The two items were re-extracted and re-run. The results of the re-extraction show that the DNA peak at the CSF1PO is reproducible in both item 1 and item 3. The extra DNA peak observed for item 1 and item 3 at the 15 allele position may be abnormally elevated n+4 stutter or it may be a true 15 allele (tri-allele).
EXFL9E	Item 1 had an inconclusive allele at CSF1PO. The '15' could either be elevated N+4 or triallelic.
F7NF48	A minor allele was detected in all three samples containing the victim's DNA in this case, including the victim's reference sample. The DNA type is a 15 at CSF1PO. The allele ranges from approximately 4.3%-8.5% (56-104rfu) of the 14 allele at CSF. Our highest observed n+4 allele at CSF was seen at 3.3% in the validation; therefore, the 15 allele is reported as a minor DNA type in items 1, 3, and 4NS.
G3NNB2	Yfiler analysis was performed on Items 1, 2, and 4 only. NR = No result.
G6L7CA	There was a minor peak at CSF1PO (15 allele) observed in the known item 1 as well as the epithelial fraction for the unknown item 4. It was above our lab's threshold for N+1 stutter. Based on observing this in both known and unknown samples, this suggests a possible genetic anomaly.
GR3MQK	Possible n+4 stutter or tri-allele pattern observed at the CSF1PO locus in Items 1, 3 and 4 could not be ascertained.
HAXFBH	15 @ CSF1PO observed in 3-1 and 4-1 cannot discount the possibility of genetic anomaly or additional

WebCode	Additional Comments
HAXFBH	15 @ CSF1PO observed in 3-1 and 4-1 cannot discount the possibility of genetic anomaly or additional minor amount of DNA detected in both samples.
HMLFTK	1.1 -> An extra allele 15, in the reverse stutter position, at CSF has a peak height ratio of 10.7% of the 14 allele. As reverse stutter is not expected to have that high of a percentage and there are no other indications of second contributor, this locus could possibly contain a tri-allele and all alleles were included. 1.3-> An extra allele 15, in the reverse stutter position, at CSF has a peak height ratio of 8.1% of the 14 allele. Reverse stutter is not expected to have that high of a percentage and there are no other indications of second contributor. After comparing this profile to the profile from the reference standard from female victim, the allele 15 is also present at CSF in the reference standard. As this locus could possibly contain a tri-allele all alleles were included.
HU8JTZ	An extraneous peak binned as a 15 at CSF1PO was seen in the non-sperm fraction of Item 4. This peak was located in an n+4 stutter position and was deemed inconclusive. This peak was above the calling threshold in this sample, but was seen below the threshold for Items 1 & 3; therefore, it is unknown whether it could be elevated n+4 stutter, a tri-allele, or other sample specific anomaly.
HYHHFM	A low-level indeterminate possible 15 allele was also detected at CSF1PO for item 3. A low-level inconclusive peak in the 15 allele position was also detected at CSF1PO for item 1. Both items were re-extracted. The low-level indeterminate possible 15 allele was confirmed for item 3, but the peak in the 15 allele position for item 1 could not be confirmed. This may be due to a triallelic event or elevated n+4 stutter.
JT62FX	Analysis for Item 1 and Item 2 was carried out by the FTA method. DNA extraction for Item 3 and Item 4 was by phenol-chloroform method. Amplification kits used were the Identifiler® Plus (STR) and Yfiler® (YSTR). Separation and detection was on the ABI 3130xl Genetic Analyzer and analysis was by GeneMapper® ID v3.2.1.
JXF9JM	The Suspect's profile matched the foreign contributor's profile on item 4 except for at TH01. Upon reviewing the raw data there is a peak at the 10 allele location. Since the ladder called both 9.3 and 10 at TH01 and the analysis software did not have good enough resolution to call the 10 peak at TH01 for item 4, it was marked INC and not used for the analysis.
KE7FKE	In item 4e, a 15 allele was detected at CSF1PO (at 107 rfu); a second injection confirmed the presence of this 15 allele (at 81 rfu). The DNA profile of item 4e is a mixture of DNA of at least two contributors. Assuming a contribution of male DNA from 4sp, a female DNA profile was interpreted. At CSF1PO, the 15 allele is either part of a tri-allele (from either 4sp or the female source), or a trace contribution from a third donor, or artifactual. Evaluating the DNA profiles of the victim (item 1) and item 3 showed a subthreshold peak at CSF1PO coincident with the 15 position. There is no such peak in the profile of the suspect (item 2). In the opinion of this analyst, the minor 15 allele detected at CSF1PO in item 4e can be attributed to the DNA profile of the victim (item 1) and is not an artifact.
KJYNPL	Item 4 ep Additional allele at CSF1PO - 15 (7% of allele 14 ph) too large for +stutter (per our protocol), locus used for exclusion only - locus not used for stats. Item 1 Additional allele at CSF1PO - 15 (7% of 14 ph) too large for +stutter (per our protocol) - possible tri allele - locus will be used for exclusion only. Item 3 CSF1PO possible loss of data (possible 15 allele present below analytical)- not used for stats
KKLEHD	1. Item 1 and Item 2 were amplified using AmpFISTR Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted using chelex extraction method. 3. DNA quantification was carried out using Quantifiler Human DNA Quantitation kit on 7500 Real-Time PCR. 4. Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus Kit. 5. All items undergone amplification of Y-STR using AmpFistr Y-Filer Amplification Kit. 6. Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 7. Reagent blank, positive control and negative control were carried out throughout the analysis.
KU3WCY	Test Item 3 and test Item 1 had an unexpected result. In CSF1PO locus had an extra allele resulting in 3 alleles instead of the expected 1 or 2 alleles since I am assuming that both are from single contributors. * minor allele or possible tri allele or elevated plus 4 stutter

WebCode	Additional Comments
KXH8NG	Note: At CSF1PO, a 15 peak could not be resolved as an artifact or true allele in Item 3 (epithelial fraction)[sic], Item 4 and Item 1.
L2TLM8	Screening tests on Items #3 and #4 were performed by Forensic Biology Examiner. Minifiler DNA results were concordant with Identifiler Plus results. [From Table 1- Serology Screening Results, Item 3: *inc - due to reddish-brown staining.]
LA7T3B	Sample 3 has a possible tri-allele or a N+4 "15" peak in CSF. This peak is 6.6% of the 14 peak. This peak was also observed in sample 4e (NSF) and sample 1.
LPETQK	Item 4e: was not room in field to fit DNA results for SE33 Locus: 14,28.2,29.2,30.2. Item #1 (victim) could not be excluded as a contributor to the epithelial fraction of item #4 (shorts): However, item #1 (victim) is excluded as a contributor to the sperm fraction of item #4 (shorts). No Y-STR analysis was performed on item #1 (victim).
LR6XJR	Item 4: Differential extraction: major component of the epithelial fraction matches victim, all other minor alleles are carry-over from the sperm fraction. A single minor allele in the sperm fraction is consistent with carry-over from the epithelial fraction.
LR6Z9W	A tri-allele (10,14,15) was detected at CSF in the bloodstain (Item 3) and the Victim reference (Item 1). Both samples were re-amplified and the tri-allelic pattern was confirmed. Contamination from the analyst was ruled out. In all four amplifications, the 15 allele was approximately 6% of the height of the 14 allele. A 15 allele was not detected in the non-sperm (epithelial) fraction of the mixed blood and semen stain (Item 4e) or its re-amplification, however the rest of the profile is concordant with the Victim being a donor to the mixture. Based on observed peak heights of the alleles at CSF, which were under 500 RFU, the 15 allele would be expected to appear well below the analytical threshold of 50 RFU set by this laboratory. In the bloodstain (Item 3), the 15 allele was below the laboratory's stochastic threshold of 130 RFU. For that reason, the 15 allele is being reported in parentheses.
LTU7NM	Item 4 is consistent with Item 2 at all locations except TH01 where 1 of 2 alleles was present. The Y-STR profiles for both Item 2 and Item 4 were a match. Internal reporting denoted as Item 4 is consistent with known profile obtained in Item 2 and could be a contributor with the omission of TH01, due to a possible PCR anomaly yielding a possible drop out of the sister allele (10).
LTZHAX	NR = sample was analyzed for YSTRs, but no DNA results were detected at the given locus. Female reference samples are not analyzed for YSTRs, therefore Item 1 was not analyzed for YSTRs.
LUGJLZ	[Initials] performed semen screening on Items 3 & 4 because I am not qualified to perform semen screening.
LWHQKJ	Item 1.3: Allele 15 at CSF1PO. Item 1.4 (epithelial): Allele 15 at CSF1PO. Item 1.4 (sperm): Allele 13 at D16S539. Our policy allows for us to keep these alleles in the profiles (as opposed to removing them as possible reverse stutter) and state they are additional allelic activity and insufficient data for comparisons and statistics.
M98P9Z	A 15 allele was noted at CSF1PO in both Items 1 and 4e. The allele appeared to be consistent between both the VICTIM reference and the Epi fraction of the Victim's shorts. This could be a result of elevated n+4 stutter. Also, detected an additional peak (24) at D2S1338 in Item 4e. This peak is located between two alleles which could be causing elevated stutter.
MAKJQL	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
MDLME2	Per supervisor and Quality Manager, portions of items 3 and 4 were sampled for another analyst to conduct some of the screening tests. And I would continue on the DNA processing. I conducted the O-tol test. Another analyst conducted AP, P30, and Micro.
MP33R3	In item 4NS and item 1 a high n+4 peak (15 allele) was visible at CSF1PO.
MYKVQC	DNA in the item 4 is a mixture of DNA in items 1 an 2.

WebCode	Additional Comments
MZUYKM	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
NLPBED	Item 4 epithelial fraction is a mixture of 2 individuals and has 5 alleles detected at CSF1PO (10,11,12,14,15). The 15 has a lower peak height than the other alleles and is in reverse stutter position; however, it's RFU value indicates that it is not reverse stutter, but rather a trisomy. The same was noted for single source profile from item 3, with 3 alleles detected (10,14,15). This was also noted for single source profile from item 1 reference standard, with 3 alleles detected (10,14,15). The 15 peak in the 3 aforementioned profiles (at CSF1PO) was determined to be an allele associated with a trisomy and was reported on this data sheet and left on the electropherograms. [Participant included additional documentation that could not be replicated in this report.]
NTRPF2	Possible tri-allelic in CSF for Items 1 and 3.
NUNNRZ	Minor allele in tri-allele pattern in V profile (15 at CSF) observed in first amp of V ref and was subthreshold in first amp of stain 3 (single source) and 4ec (mixture) - reamplification of V ref and stain 3 reproduced minor 15 at CSF in both samples which confirms as a true allele.
PDBNEA	An apparent tri-allelic pattern was observed at CSF1PO- 10,14 with a 15 allele being detected at 6% of the 14 allele from Item 1. The epithelial fraction result of 4-1 also had the 15 allele at approximately 9%. Sample 3-1, a peak, which would correspond to a 15 allele at CSF1PO, was detected but it was below our LOD, therefore not recorded. The results at CSF1PO do not indicate that it is due to forward stutter.
PJYFKH	A possible tri-allele was detected in CSF1PO for items 1, 3, and 4e.
PPL3FM	Items 3 and 4 (both fractions) were amp'd with both Identifiler and Minifiler. All results were concordant.
PTP2QF	Additional allele 15 at CSF1PO was detected in Item 1, Item 3, and Item 4e. This allele is above the manufacturers +4 stutter percentage in all 3 samples and could be elevated stutter or a tri-allele.
PUJLGL	Minifiler results are concordant with Identifiler Plus results. The results were interpreted using Missing Persons protocols which do not interpret mixtures. Autosomal results for Item 4 indicated a mixture. Yfiler results for Item 4 indicated a single source profile matching the suspect (Item 2). Therefore Item 2 can be a contributor to Item 4. Items 1 and 3 in Identifiler Plus and Item 3 in Minifiler exhibited a weak 15 allele at CSF1PO. This was interpreted as n+4 stutter. It is possible this is a weak allele which would make this locus a tri-allele.
QDT7QU	Items 1 and 3 for STR at location CSF1PO show a minor allele 15 which appears to be elevated N + 4 stutter and not part of the profile.
QFDZLA	An indeterminate possible 15 allele was detected at the CSF1PO locus for item 1 and item 3. These items were both re-sampled and extracted w/ different extraction methods than used for the first sampling. The indeterminate allele was not detected for item 1 or item 3 in the second extraction. This possible allele could be due to elevated N+4 stutter or a tri-allele.
QK8ZGW	Possible genetic anomaly observed: small 15 allele at CSF1PO. Observed in comparison sample (item 1) as well as 2 unknowns (items 3 and 4).
QQYU86	Quantitation of Item 3 showed low level male DNA. Item 3 was amplified with Yfiler and a male profile matching Item 2 (Suspect) was found. New cuttings were taken of various areas of the stain on Item 3 and extracted. A male profile consistent with Item 2 (Suspect) was found in specific areas of the stain but not throughout the stain. Also noted in Item 1 (Victim) was elevated N+ stutter at CSF1PO at approximately 5% of the parent, allele 14.
RGM98F	Item 3- an additional peak was detected at CSF1PO 15 allele (not reported), plus stutter position to the major 14 allele. This peak was designated as a +4 stutter peak, values were above our validated stutter threshold.
TBF6UL	- Item 3 Positive blood, negative semen. - Item 4 Positive blood, positive semen. - The genetic profile of the victim (item 1) match the genetic profile of blood stain on item 3. - Differential extraction performed for blood and sperm on item 4 and the genetic profile of blood shows mixture between victim (item 1) and suspect (item 2), the genetic profile of the sperm match the genetic profile of the suspect (item 2).

WebCode	Additional Comments
TBF6UL	- Item 3 Positive blood, negative semen. - Item 4 Positive blood, positive semen. - The genetic profile of the victim (item 1) match the genetic profile of blood stain on item 3. - Differential extraction performed for blood and sperm on item 4 and the genetic profile of blood shows mixture between victim (item 1) and suspect (item 2), the genetic profile of the sperm match the genetic profile of the suspect (item 2).
TBYWX6	possible triallele (15) or elevated N+4 at CSF for item 1 (victim) reference and samples 3 and 4 where item 1 (victim) is included. This observed peak is below our interpretation threshold.
TG27ZQ	For ID+ results, a 15 allele was detected in item 4 (e fraction) at the CSF1P[sic] locus which may or may not be elevated stutter. The 10 allele at the TH01 locus in item 4 (e fraction) could not be fully resolved and detected in OSIRIS. However, a shoulder on the 9.3 allele can be seen in the raw data.
THDYNE	The known victim sample (item 1) and the questioned stain (item 3) both contained one minor allele, in addition to the major genotype, at CSF1PO. This allele was reproducible above analytical threshold in both item 1 and item 3 and can be considered a rare anomaly.
TM7XDV	Elevated N+4 ("15") at CSF1PO in samples 1, 3, and 4NS.
TTTWLV	A tri-allelic pattern 10,14>15 was detected at CSF1PO for the reference from the victim (Item 1) and stain from the torn fabric (Item 3). The peak height ratio between the 14 and 15 was consistent for both samples. The 15 allele was not detected in the EC fraction from the stain from the victim's shorts (Item 4). Due to the lower RFU of the 14 allele in this sample, it is not unexpected that the 15 allele fell below the analytical threshold.
TVZWZA	A peak in the 15 allele N+4 position @ CSF1PO was detected in Item 1 and Item 3. The peak is possible elevated N+4 stutter or a tri-allele, low level peak.
TZRBG4	Evidence samples 03A and 04A were also amp'd with MiniFiler. Corresponding loci are consistent with Identifiler Plus results.
UJKNC9	*A 15 allele at CSF was detected in the first amplification of item 1, at a lower level than the 10 and 14 alleles. There was no other indication of a mixture/contamination. The sample was reamplified and the 15 allele was still present, however only above analytical threshold in one injection. Since item 1 is a reference sample the minor type appears to be a genetic anomaly. This 15 allele at CSF was also observed, below analytical threshold, in items 3 and 4 EC.
UNFHAA	The Laboratory does not routinely test for saliva in sexual assault case.
UY2BB7	For item 3, DNA profile was considered single source, although an additional minor peak (15) at CSF1PO was observed. This minor peak was assessed as a possible (n+1; forward stutter), as this assessment falls within our guidelines.
UYE22C	n/t = not tested.
VKB7AM	Additional peak detected at 15 position of CSF1PO in samples that victim is included in (Item 1, 3, and 4 ep). Due to low relative peak height and possibility of elevated +4 stutter, it is not being called an allele.
VP7QAD	NT = Not tested. For Item 3, apparent single source sample with 3 alleles detected at CSF1PO (10,14,15). Possible genetic anomaly. Result was reproducible with a second amplification and capillary electrophoresis run.
VQFTZH	*: Inconclusive for the presence of additional allele(s).
VX2YKV	Concordant results were generated with Identifiler Plus and Minifiler with the exception of items #3, #4e and #1. The 15 allele at CSF1PO was not detected above the calling threshold for items #3, #4e and #1 with the Minifiler results. The interpretation remains the same for the Identifiler Plus and Minifiler results. [From Table 1 - Serology Screening Results, Item 3: "**AP test inconclusive due to reddish-brown color of stain."]

WebCode	Additional Comments
VXZ3D7	Item 4e was amplified twice during the completion of this test to attempt confirmation of a tri-allelic pattern at CSF1PO. In the first amplification, there appeared to be potential drop out of an allele identified as part of that pattern at CSF1PO (alleles called included 10,11,12,14). On re-amplification, the full profile was identified (10,11,12,14,15); however, the 15 allele at D3S1358 dropped out. The results of the initial amplification of this sample are reported in this data sheet to avoid combination of DNA results; however, the profile identified for CSF1PO was in fact 10,11,12,14,15.
W2CEJL	Female reference standards are not routinely processed with Y-filer in the [City] Police Department Office of Forensic Science DNA Laboratory; therefore, Item 1 was not processed with Y-STRs. The abbreviation INC was used for Item 1, 3 and 4E, INC is an abbreviation for inconclusive results. The abbreviation NR was used for item 3. NR is an abbreviation for no results.
W382XB	I observed a 15 peak at CSF1PO in Item 1 and Item 3 that is in the N+4 position. It is above my laboratory's elevated stutter threshold.
XMUTT2	1. Item 1 and 2 were extracted using the in-situ extraction method. 2. Item 3 were extracted using the Promega DNA IQ on Tecan Freedom EVO 150. 3. Item 4 were extracted using the Chelex extraction method. 4. Item 3 and 4 were quantitated using Quantifiler Human DNA Quantitation Kit and carried out by 7500 Real Time PCR. 5. Amplification was done using the AmpFISTR Identifier Direct kit for Item 1 and 2, AmpFISTR Identifier Plus kit for Item 3 and 4, and AmpFISTR Y-Filer on Item 1 to 4. 6. Electrophoresis was carried out by Genetic Analyzer 3500XL and Genetic[sic] Analyzer 3130XL. 7. Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
XN6P3C	It appears that there is a possible 10 allele at TH01 for Item 4, but the peak could not be resolved enough for the software to assign an allele call to the peak. An elevated possible N+4 stutter peak (15) was detected in Item 1 at CSF1PO. This peak was reproducible in all samples matching this profile, but were able to be filtered out as stutter artifact based upon validated stutter values.
XRMU72	For item 3 at locus CSF1PO, 15 allele detected at approx 6% peak height of allele 14. This peak was ruled out as an artifact based on height and morphology. Given its size, location, and the absence of any other minor peak, this allele could either be the result of a second contributor, or attributed to a genetic anomaly of a single contributor. Further, while a 15 allele was not observed above analytical threshold (and consequently not 'called') at CSF1PO for item 1, analysis of data below threshold revealed evidence of possible 15 allele at approx 3% peak height. This supports attribution due to a genetic anomaly.
Y72JJU	Due to ongoing problems associated w/ CTS samples, swabs were utilized to collect portions of stains for further testing and analysis.
YDLHA3	Note: 15 allele noted at CSF1PO in Q03-1 (~4.3% in relation to 14 allele) and Q04-1E (~7.2% in relation to 14 allele). Possible n+1 artefact or indication of triallelic pattern (peak observed adjacent to 14 allele @CSF1PO in comparison sample from victim).
YLRHA4	Victim (item #1) repeatedly showed allelic activity at CSF in the 10, 14, and 15 positions. The 10 and 14 alleles show heterozygosity while the 15 allele is located in the reverse stutter position of 14 but is above analytical threshold and is almost as high as the stutter peak. Therefore, with no other indication of a second contributor, it is consistent with being a tri-allele pattern.
Z2KPR2	For Items 3, 4EC, and 1, a third allele was detected at CSF1PO. This 15 allele is in the N+4 stutter position for the 14 allele. This 15 allele has been shown to be reproducible yet not always above the N+4 stutter threshold. This low-level peak could be due to a tri-allelic pattern or elevated N+4 stutter. [From Table 1 - Serology Screening Results: "ARD = Amylase Radial Diffusion"; From Table 2 - Amplification Kit(s) and STR Results, Items 1 and 3: "NR = No Result"]
ZADMU4	An additional 15 allele was detected at CSF in three samples: 1.1, 1.3, and 1.4 epithelial fraction. Initially allele 15 in the two unknown samples, 1.3 and 1.4, were called reverse stutter, as their stutter percentages were below the suggested percentage threshold. After the known sample, 1.1, was profiled and allele 15 at CSF was also present, the two unknown samples were reevaluated. Based on the repetition of the 15 allele, it is thought CSF could contain a tri-allelic pattern. Due to this, allele 15 at CSF is included in the DNA results for items 1.1, 1.3 and 1.4 epithelial fraction.

WebCode	Additional Comments
ZGHKEU	Laboratory procedure allows for analyst's discretion to perform additional screening tests. For example, sample -3 the screening analyst elected to perform a microscopic and PSA test. Items -1, -3 and -4EP all showed an inconclusive allele at the 15 allele bin for CSF1PO. In each sample the height of the alleles is slightly high for N+4 stutter. There is a chance that the victim in this case is tri-allelic at this locus since it is showing up in samples in which the victim is a source or included as a donor. The call for this allele is determined to be inconclusive.
ZGYLGW	There is a possible elevated n+4 or tri-allele (allele 15) at CSF for item 1 (victim reference) and items 3 and 4 in which item 1 is included. This peak is above our interpretation threshold in items 1 and 3 and below in item 4.
ZGZJNK	A 15 allele was detected at locus CSF1PO in the epithelial fraction of Item 4 (4e). I believe this 15 allele is attributable to elevated n+4 stutter at this locus and not due to an additional contributor. Therefore, I did not include it in the allele table for the sample.

Appendix: Data Sheet

Collaborative Testing Services - Forensic Testing Program

Test No. 15-573: Forensic Biology

DATA MUST BE RECEIVED BY June 15, 2015 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB and ANAB. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB and/or ANAB.
(Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB or ANAB.

Scenario:

Police are investigating a murder and suspected sexual assault case in which the female victim was found deceased along a local nature trail. A week after the victim was identified, a male suspect was apprehended while attempting to use the victim's credit card. The suspect claims to have found the credit card within a discarded purse in a picnic area adjacent to the crime scene but claims to have no knowledge of the victim or circumstances surrounding her death. Police are submitting for analysis a cutting from torn fabric found at the crime scene as well as a cutting of the victim's shorts, both containing unknown stains.

Items Submitted (Sample Pack B3):

- Item 1: Known blood from female victim
- Item 2: Known blood from male suspect
- Item 3: Questioned stain from torn fabric found at the crime scene (grey dots)
- Item 4: Questioned stain from victim's shorts (tan floral pattern)

Online Data Entry

Visit www.cts-portal.com to enter and/or upload your proficiency test results online. If you have any questions please do not hesitate to contact CTS.

Please return all pages of this data sheet.

Page 1 of 9

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this page. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed. TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	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"/>	_____

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 any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

<input type="checkbox"/> COfiler®/Profiler Plus® _____	<input type="checkbox"/> PowerPlex® _____
<input type="checkbox"/> Identifiler® _____	<input type="checkbox"/> Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

YSTR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

<input type="checkbox"/> Yfiler® _____	<input type="checkbox"/> PowerPlex® Y _____
<input type="checkbox"/> Other _____	

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part II (continued): DNA Results for Known Item 2

STR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

<input type="checkbox"/> COfiler®/Profiler Plus® _____	<input type="checkbox"/> PowerPlex® _____
<input type="checkbox"/> Identifiler® _____	<input type="checkbox"/> Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

YSTR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

<input type="checkbox"/> Yfiler® _____	<input type="checkbox"/> PowerPlex® Y _____
<input type="checkbox"/> 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 any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

<input type="checkbox"/> COfiler®/Profiler Plus® _____	<input type="checkbox"/> PowerPlex® _____
<input type="checkbox"/> Identifiler® _____	<input type="checkbox"/> Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
3	<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 any kit specific information in the blank provided (i.e. Plus, 23, etc.).

<input type="checkbox"/> Yfiler® _____	<input type="checkbox"/> PowerPlex® Y _____
<input type="checkbox"/> Other _____	

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3	<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 any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

<input type="checkbox"/> COfiler®/Profiler Plus® _____	<input type="checkbox"/> PowerPlex® _____
<input type="checkbox"/> Identifiler® _____	<input type="checkbox"/> Other _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
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 any kit specific information in the blank provided (i.e. Plus, 23, etc.).

<input type="checkbox"/> Yfiler® _____	<input type="checkbox"/> PowerPlex® Y _____
<input type="checkbox"/> Other _____	

ITEM	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
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 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"/>	<input type="checkbox"/>
No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inconclusive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DNA interpretations not reported; samples analyzed for database purposes only.

Part IV: ADDITIONAL COMMENTS

Comments regarding any part of this Forensic Biology Test.

Written conclusions (including statistical information) for DNA analysis are not required. Any interpretations based on the results obtained should be indicated above.

Note: Laboratories submitting their results for ASCLD/LAB accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by *June 15, 2015* to be included in the report.

QUESTION? TEL: +1-571-434-1925 (8 am - 4:30 pm EST)
EMAIL: forensics@cts-interlab.com
www.ctsforensics.com

ONLINE DATA ENTRY: www.cts-portal.com
FAX: +1-571-434-1937
or Toll-Free: 1-866-FAX-2CTS (329-2287)
MAIL: Collaborative Testing Services, Inc.
P.O. Box 650820
Sterling, VA 20165-0820 USA

Please return all pages of this data sheet.

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **15-573: Forensic Biology**

This release page must be completed and received by **June 15, 2015** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

ASCLD/LAB RELEASE

If your lab has been accredited by ASCLD/LAB and you are submitting this data as part of their external proficiency test requirements, have the laboratory's designated individual complete the following.

The information below must be completed in its entirety for the results to be submitted to ASCLD/LAB.

ASCLD/LAB Legacy Certificate No. _____ ASCLD/LAB International Certificate No. _____

Signature _____ Date _____

Laboratory Name _____

Location (City/State) _____

ANAB RELEASE

If your laboratory maintains its accreditation through ANAB, please complete the following form in its entirety to have your results forwarded.

ANAB Certificate No. _____

Signature and Title _____ Date _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release

Return Instructions

Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.

*Questions? Contact us 8 am-4:30 pm EST
Telephone: +1-571-434-1925
email: forensics@cts-interlab.com*

Please return all pages of this data sheet.

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