



## **Forensic Biology Test No. 16-576 Summary Report**

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This proficiency test was sent to 419 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 338 participants (81% 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, heathered grey material (Item 3) and one on clean, red checkered material (Item 4). Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** The stains in Items 1, 2, and 4 were prepared from human whole blood which was drawn into citric acid preservative bloodbank bags. Item 3 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  $-196^{\circ}\text{C}$  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 3 substrate. Item 1 ( $75\ \mu\text{l}$ ) and Item 4 ( $50\ \mu\text{l}$ ) were created using blood collected from a single female donor, Item 2 ( $75\ \mu\text{l}$ ) was created using blood collected from a male donor. The Item 3 ( $50\ \mu\text{l}$ ) stain contained blood from the Item 1 female donor and semen from the Item 2 male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at  $-20^{\circ}\text{C}$  until shipment on October 19th, 2016 following receipt of predistribution results.

**SAMPLE SET ASSEMBLY:** For each sample set, all four Items (1-4) were placed in a pre-labeled sample pack envelope. The sealed sample pack envelopes were then packaged in pre-labeled Marvel Heat Seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

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

## Manufacturer's Information, continued

<i>Amelogenin and STR Results</i>						
Results compiled by predistribution laboratories and a consensus of at least 10 participants.						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
	Penta D	Penta E	SE33	TH01	TPOX	vWA
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18,1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	14,24.2	7,8	8,9	16,18
3-Blood	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18,1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16
3-Semen	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	14,24.2	7,8	8,9	16,18
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18,1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16

<i>YSTR Results</i>								
Results compiled from predistribution laboratories and a consensus of at least 10 participants.								
Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
2	14	13,19	13	30	23	11	11	12
	14	10	11	20	15	18.2	26	11
	13	17	17	21	9	11	2	
3-Semen	14	13,19	13	30	23	11	11	12
	14	10	11	20	15	18.2	26	11
	13	17	17	21	9	11	2	

## **Summary Comments**

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The 16-576 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were created using blood collected from the same female donor and Item 2 was created using blood collected from a male donor. The Item 3 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 338 participants, of these, 324 reported serology screening results, and 329 reported DNA results.

### Screening Test Results:

For Item 3, 321 participants reported "Positive" for the presence of blood and one reported "Negative". There were 307 participants returning results for the presence of semen, all of which reported "Positive". There were 95 participants that reported "Negative" results for the presence of saliva.

For Item 4, all 322 participants returning results reported "Positive" for the presence of blood. There were 296 participants returning results for the presence of semen, all of which reported "Negative". There were 90 participants that reported "Negative" for the presence of saliva and one that reported "Inconclusive".

### DNA Analysis Results

Of the 329 participants reporting DNA results, 8 did not report any DNA interpretations. All of these participants stated that they analyzed the samples for database purposes only.

For the Item 3 mixture, all 321 participants included the victim (Item 1) and the suspect (Item 2) as possible contributors.

For the Item 4 stain, all 321 participants included the victim (Item 1). A total of 320 participants excluded the suspect (Item 2) as a possible contributor to the Item 4 stain, while one participant reported an inclusion.

Eight participants reported an additional "17" allele at the D1S1656 locus. These eight participants in combination with four participants that reported "INC" for an additional allele at this locus, all stated in their additional comments that this allele was likely elevated stutter. A review of an internal quality-control database eliminated CTS staff from having contributed this possible 17 allele.

Twelve participants reported allelic results that differed from the consensus/predistribution results. Five participants reported additional alleles at one or more loci. Of those five, one participant reported the YSTR profile belonging to the semen fraction of Item 3 for Item 4. Four participants were missing alleles for Item 3 and one reported inconsistent results at locus D5S818 for Item 4. One participant reported inconsistent alleles at multiple loci and was missing an allele at locus vWA for Item 3. Another participant reported an inconsistent allele at locus vWA for Item 2 and also reported additional alleles at multiple loci for Item 3sp.

## 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
22QJG9				
Item 3	Pos O-tol	Pos AP, Micro, PSA		
Item 4	Pos O-tol	Neg PSA, Micro		
24GGFZ				
Item 3	Pos Hemident, HemaTrace	Pos ABACard p30, Micro	NT	
Item 4	Pos Hemident, HemaTrace	Neg ABACard p30, Micro	NT	
27M4RJ				
Item 3	Pos KM and ABACard	Pos AP and PSA	Neg Phadebas Press	
Item 4	Pos KM and ABACard	Neg AP and Micro	Neg Phadebas Press	
2CNHBY				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
2KJ6HY				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
2MRDRJ				
Item 3	Pos KM, HT	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, HT	Neg ALS, AP, Micro	NT	
2V24R2				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
2YMG26				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, p30, Micro	Neg Micro, Amylase Diffusion Gel	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, p30, Micro	Neg Micro, Amylase Diffusion Gel	
34TXNX				
Item 3	Pos Hemident, HemaTrace	Pos p30, Sperm Hy-Liter Express		
Item 4	Pos Hemident, HemaTrace	Neg p30, Sperm Hy-Liter Express		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
37H2G6				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
3JPWRU				
Item 3	<b>Pos</b> HemDirect	<b>Pos</b> AP, p30, Sperm Hyliter	<b>NT</b>	
Item 4	<b>Pos</b> HemDirect	<b>Neg</b> AP	<b>NT</b>	
3KGV7T				
Item 3	<b>Pos</b> HemaTrace	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> HemaTrace	<b>Neg</b> AP	<b>NT</b>	
3KX2BA				
Item 3	<b>Pos</b> HemDirect	<b>Pos</b> ALS, AP, PSA, Micro	<b>NT</b>	
Item 4	<b>Pos</b> HemDirect	<b>Neg</b> ALS, AP	<b>NT</b>	
3KY4UM				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> PSA, Micro	<b>Neg</b> RSID	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> PSA	<b>Neg</b> RSID	
3WRMBD				
Item 3	<b>Pos</b> LMG	<b>Pos</b> AP, PSA	<b>NT</b>	
Item 4	<b>Pos</b> LMG	<b>Neg</b> AP, PSA	<b>NT</b>	
3XPTY				
Item 3	<b>Pos</b> KM	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, Phadebas	<b>Human DNA, Pos</b> Quantifiler Trio
Item 4	<b>Pos</b> KM	<b>Neg</b> ALS, AP, Micro	<b>Neg</b> ALS, Phadebas	<b>Human DNA, Pos</b> Quantifiler Trio
44TWJR				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>Neg</b> Amylase Radial Diffusion	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>Neg</b> Amylase Radial Diffusion	
47CXGY				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
48QH8N				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, Micro	<b>Neg</b> RSID	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP	<b>NT</b>	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
493A4B				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
4B9VRB				
Item 3	Pos LMG, HT	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG	NT	NT	
4FZ3AK				
Item 3	Pos hemochromogen	Pos AP, Micro	NT	
Item 4	Pos Hemastix, hemochromogen	Neg AP	NT	
4KRE3V				
Item 3	Pos KM, Takayama	Pos AP, Micro, p30	Neg RSID-Saliva	Human Origin, Pos Plexor HY
Item 4	Pos KM, Takayama	Neg AP	Neg RSID-Saliva	Human Origin, Pos Plexor HY
4UX42Z				
Item 3	Pos KM, TMB	Pos PSA, Micro	NT	
Item 4	Pos KM, TMB	Neg PSA, Micro	NT	
4YVM3X				
Item 3	Pos	Pos	NT	
Item 4	Pos	Neg	NT	
6EPKTZ				
Item 3	Pos KM, RSID-Blood	Pos AP, Micro (SH), PSA	Neg Phadebas	
Item 4	Pos O-tol, HemaTrace	Neg AP (inc- due to RB stain), Micro (CT), PSA	NT	Urine, Neg RSID-Urine
6F227D				
Item 3	Pos O-tol, Species, Seratec HemDirect	Pos AP, Micro, Seratec PSA	Neg Amylase Diffusion, Seratec AMY Card	Feces, Neg Urobilinogen, Micro
Item 4	Pos O-tol, Species, Seratec HemDirect	Neg AP, Micro, Seratec PSA	Neg Amylase Diffusion, Seratec AMY Card	Feces, Neg Urobilinogen, Micro
6H8KB2				
Item 3	Pos KM, Tak, HemaTrace	Pos AP, Micro, ALS	Neg Amylase, Micro	
Item 4	Pos KM, Tak, HemaTrace	Neg AP, Micro, ALS, p30	Inc Amylase, Micro	
6K8XMT				
Item 3	Pos KM, HemaTrace	Pos PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	NT	NT	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6QB2DQ				
Item 3	<b>Pos</b> KM, HemDirect	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> RSID, ALS	
Item 4	<b>Pos</b> KM, HemDirect	<b>Neg</b> ALS, AP, Micro	<b>Neg</b> RSID, ALS	
6RP7A4				
Item 3	<b>Pos</b> KM, OBTI	<b>Pos</b> AP, RSID-Semen, PSA	<b>NT</b>	
Item 4	<b>Pos</b> KM, OBTI	<b>Neg</b> AP	<b>NT</b>	
6VAFZG				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> ALS, AP, PSA	<b>NT</b>	
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> ALS, AP, PSA	<b>NT</b>	
72DJNU				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
7386LQ				
Item 3	<b>Pos</b> LMG	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> LMG	<b>Neg</b> AP		
784PPB				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> ALS, AP, PSA		
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> ALS, AP		
79BABP				
Item 3	<b>Pos</b> LMG	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> LMG	<b>Neg</b> AP	<b>NT</b>	
79CYJT				
Item 3	<b>Pos</b> O-tol	<b>Pos</b> AP, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> O-tol	<b>Neg</b> AP	<b>Neg</b> Phadebas	
79RA8Z				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> PSA, Micro	<b>Neg</b> RSID	<b>Male DNA, Pos</b> Y-screening
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> PSA, Micro	<b>Neg</b> RSID	<b>Male DNA, Neg</b> Y-screening
7A9GF3				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP, Micro	<b>Neg</b> Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7AM7GU				
Item 3	Pos KM	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
7BWXMP				
Item 3	Pos Benzidine, HemDirect kit	Pos AP, PSA, Micro		
Item 4	Pos Benzidine, HemDirect kit	Neg AP, PSA		
7CBFRG				
Item 3	Pos KM, HemDirect	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemDirect	Neg ALS, AP, PSA	NT	
7K8CDX				
Item 3	Pos KM	Pos AP, Micro for Sperm	NT	
Item 4	Pos KM	Neg AP, Micro for Sperm	NT	
7LJUJH				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
7Q9X9N				
Item 3	Pos KM	Pos AP, PSA	Neg Phadebas Press Test	Human Blood, Pos ABAcad
Item 4	Pos KM	Neg AP, Microscopic	Neg Phadebas Press Test	Human Blood, Pos ABAcad
7VKJ6R				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
7VQQGZ				
Item 3	Pos Hemastix, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
7WJKCJ				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
7ZJXV3				
Item 3	Pos KM, Bluestar OBTI	Pos AP, RSID, PSA	NT	
Item 4	Pos KM, Bluestar OBTI	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
82UV4D				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
87M2K2				
Item 3	Pos KM, OBTI	Pos AP, RSID, PSA	NT	
Item 4	Pos KM, OBTI	Neg AP	NT	
8C96C4				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
8CQZVQ				
Item 3	Pos KM, HemaTrace	Pos p30, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg p30	Neg RSID	
8G2BQ7				
Item 3	Pos LMG, HemaTrace	Pos Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg Micro, PSA	NT	
8MC68W				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP		
8RGZPB				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
8RHXXL				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
8UAWD6				
Item 3	Pos KM, HemaTrace	Pos AP, p30, Microscopy for Sperm	Neg Amylase Radial Diffusion, Microscopy for NEC	
Item 4	Pos KM, HemaTrace	Neg AP, p30, Microscopy for Sperm	Neg Amylase Radial Diffusion, Microscopy for NEC	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8VZXEM				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
8X7LRR				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID	
8ZAHWT				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
92KF9N				
Item 3	Pos KM, HemDirect	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, HemDirect	Neg ALS	NT	
92PVMB				
Item 3	Pos LMG, HT	Pos AP, Micro	NT	
Item 4	Pos LMG, HT	Neg AP, Micro	NT	
9CLZBG				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
9GDC4R				
Item 3	Pos HemDirect, O-tol	Pos PSA, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos HemDirect, O-tol	Neg PSA, AP, Micro	Neg Amylase Diffusion	
9KFD4P				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
9P97MK				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos	Neg AP	NT	
9QLZ3K				
Item 3	Pos TMB, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
A2H8EV				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
A48E4Y				
Item 3	Pos O-tol	Pos AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos O-tol	Neg AP, Micro, PSA	Neg Amylase Diffusion	
A4A7VE				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP		
A6MTDT				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
AAD4MR				
Item 3	Pos LMG, HemaTrace	Pos p30, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg p30, Micro	NT	
AKXCAZ				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
AL3CVT				
Item 3	Pos KM, TMB	Pos PSA, Micro	NT	
Item 4	Pos KM, TMB	Neg PSA, Micro	NT	
ARW4C3				
Item 3	Pos LMG	Pos AP, Micro, PSA	NT	Human Hemoglobin, Pos HemaTrace Card
Item 4	Pos LMG	Neg AP, Micro, PSA	NT	Human Hemoglobin, Pos HemaTrace Card
ATQUHG				
Item 3	Pos HT	Pos AP; Micro	NT	
Item 4	Pos HT	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
AXH4J3				
Item 3	<b>Neg</b> HemaTrace	<b>Pos</b> ABACard	<b>NT</b>	
Item 4	<b>Pos</b> HemaTrace	<b>Neg</b> ABACard		
AYR92W				
Item 3	<b>Pos</b> LMG	<b>Pos</b> AP, PSA	<b>Neg</b> RSID-Saliva	
Item 4	<b>Pos</b> LMG	<b>Neg</b> AP	<b>Neg</b> RSID-Saliva	
B3BKET				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP, Micro	<b>NT</b>	
B6ZRYP				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP, Micro	<b>NT</b>	
B792RM				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> RSID	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
B9FG3Y				
Item 3	<b>Pos</b> LMG, ALS, HemaTrace	<b>Pos</b> AP, PSA, Micro, ALS	<b>NT</b>	
Item 4	<b>Pos</b> LMG, ALS, HemaTrace	<b>Neg</b> AP, PSA, Micro, ALS	<b>NT</b>	
BD9J7Y				
Item 3	<b>Pos</b> LMG	<b>Pos</b> Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b> LMG	<b>Neg</b> Micro, PSA	<b>NT</b>	
BGT78Y				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
BJYN7V				
Item 3	<b>Pos</b> KM, TAK, HemaTrace	<b>Pos</b> ALS, AP, Micro, p30	<b>Neg</b> Amylase Radial Diffusion, Micro	
Item 4	<b>Pos</b> KM, TAK, HemaTrace	<b>Neg</b> ALS, AP, Micro, p30	<b>Neg</b> Amylase Radial Diffusion, Micro	
BVU347				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, PSA, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BWNNWX				
Item 3	Pos KM	Pos AP, Micro, PSA	NT	
Item 4	Pos KM, HB	Neg AP	NT	
C2CR37				
Item 3	Pos KM, HemDirect	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	NT	
C394ZU				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
C4G63T				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
C73ABQ				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
C8WV4G				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
CKJ8CK				
Item 3	Pos KM, ALS	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, ALS	Neg ALS	NT	
CMCQQ6				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
CN9BBJ				
Item 3	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID-Saliva	Human Origin, Pos Plexor HY
Item 4	Pos KM, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Plexor HY
CTXTPV				
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CTZF4N				
Item 3	Pos KM	Pos AP, Micro, ALS	NT	Human, Pos Plexor H/Y
Item 4	Pos KM	Neg AP, ALS	NT	Human, Pos Plexor H/Y
CTZKEQ				
Item 3	Pos KM	Pos AP	NT	Microscopic, Pos Micro
Item 4	Pos KM	Neg AP	NT	
CV7Y9B				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
D4FNMA				
Item 3	Pos KM, HemDirect	Pos AP, PSA, Micro	NT	
Item 4	Pos KM, HemDirect	Neg AP, PSA, Micro	NT	
D99RAL				
Item 3	Pos KM, Takayama	Pos AP, p30, Micro	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y, HemaTrace
D9P4VX				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
DAKNKH				
Item 3	Pos LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
DALETL				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
DC7DWH				
Item 3	Pos Phenolphthalein	Pos PSA	Neg SALIgAE	
Item 4	Pos Phenolphthalein	Neg PSA	Neg SALIgAE	
DDLWKL				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DGGJGV				
Item 3	Pos O-tol	Pos AP, PSA, Micro	Neg Amy Diffusion	
Item 4	Pos O-tol	Neg AP, PSA, Micro	Neg Amy Diffusion	
DHFLA7				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA, DNA	Neg Phadebas	
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas	
DK39YM				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
DLGP2T				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
DPDEFE				
Item 3	Pos KM, HemaTrace	Pos AP, RSID-Semen, ALS, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, ALS	NT	
DQAR6T				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	Neg Radial Diffusion	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, p30	Neg Radial Diffusion	
DTX7U3				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
DWYAGJ				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	
E2726M				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
E273AT				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
E2M9DP				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, CT, Micro, Sperm Hyliter, p30	<b>NT</b>	
Item 4	<b>Pos</b> KM, OT, RSID-Blood	<b>Neg</b> AP	<b>Neg</b> Phadebas	
E4AV4R				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
E8BXQ9				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> AP, p30	<b>NT</b>	
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP, p30	<b>NT</b>	
E98E46				
Item 3	<b>Pos</b> KM; HemaTrace	<b>Pos</b> ALS; AP; Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM; HemaTrace	<b>Neg</b> ALS; AP; Micro	<b>NT</b>	
EAHCGM				
Item 3	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>	
ELE8TW				
Item 3	<b>Pos</b> PTMB	<b>Pos</b> AP, Micro	<b>NT</b>	<b>Human Origin, Pos QF</b>
Item 4	<b>Pos</b> PTMB	<b>Neg</b> AP	<b>NT</b>	<b>Human Origin, Pos QF</b>
ELW7WL				
Item 3	<b>Pos</b> Hemident, HemaTrace	<b>Pos</b> ABACard p30, Micro	<b>NT</b>	
Item 4	<b>Pos</b> Hemident, HemaTrace	<b>Neg</b> ABACard p30, Micro	<b>NT</b>	
EN3UAQ				
Item 3	<b>Pos</b> KM, RSID-Blood	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> O-Tol, HemaTrace	<b>Neg</b> AP, Micro, PSA	<b>Neg</b> Phadebas	
EPT3BE				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, Micro, p30	<b>Neg</b> RSID	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP	<b>Neg</b> RSID	
EQJ9PK				
Item 3	<b>Pos</b> KM, HemaTrace	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b> KM, HemaTrace	<b>NT</b>	<b>NT</b>	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
EQPFZT				
Item 3	<b>Pos</b> Hemastix, HemaTrace	<b>Pos</b> AP, Micro		NT
Item 4	<b>Pos</b> Hemastix, HemaTrace	<b>Neg</b> AP		NT
EVGH7D				
Item 3	<b>Pos</b> O-tol	<b>Pos</b> AP, Micro, RSID		NT
Item 4	<b>Pos</b> O-tol	<b>Neg</b> AP, RSID		NT
EVHA2Z				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> AP, p30, KPIC		NT
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP		NT
EZQXF2				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> AP, PSA, Micro		NT
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP		NT
F2J7ZQ				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
F2JX7L				
Item 3	<b>Pos</b> KM, HemaTrace	NT		NT
Item 4	<b>Pos</b> KM, HemaTrace	NT		NT
FH89XU				
Item 3	<b>Pos</b> PTMB	<b>Pos</b> AP, Micro		NT
Item 4	<b>Pos</b> PTMB	<b>Neg</b> AP	<b>Neg</b> Phadebas	
FXKU36				
Item 3	<b>Pos</b> KM, Combur (TMB)	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM, Combur (TMB)	<b>Neg</b> AP, PSA	<b>Neg</b> Phadebas	
FXY7YP				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro		NT
Item 4	<b>Pos</b> KM	<b>Neg</b> AP		NT
FYDNXN				
Item 3	<b>Pos</b> KM, HemaTrace	NT		NT
Item 4	<b>Pos</b> KM, HemaTrace	NT		NT

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
G2GNRU				
Item 3	Pos Hemastix	Pos AP	NT	
Item 4	Pos Hemastix	Neg AP	NT	
G2V8HJ				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
GACN7L				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA, ALS	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA, ALS	NT	
GBLTKB				
Item 3	Pos KM, HemaTrace	Pos p30, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg p30	Neg RSID	
GDQG47				
Item 3	Pos KM, ABACard	Pos AP/PSA	Neg Phad	
Item 4	Pos KM, ABACard	Neg AP/ Micro	Neg Phad	
GDRFYZ				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro	NT	
GF24YZ				
Item 3	Pos Hgb, HemaTrace	Pos AP, PSA	NT	
Item 4	Pos Hgb, HemaTrace	Neg AP	NT	
GFZB2R				
Item 3	Pos KM, Bluestar OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, Bluestar OBTI	Neg AP	NT	
GHMZ8Q				
Item 3	Pos Hemident, HemaTrace	Pos ABACard p30, Micro	NT	
Item 4	Pos Hemident, HemaTrace	NT	NT	
GPMKAL				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GVPJYP				
Item 3	Pos O-tol	Pos AP		
Item 4	Pos O-tol	Neg AP		
HCVZM4				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
HEF8NC				
Item 3	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion Plate	
Item 4	Pos KM	Neg AP	Neg Amylase Radial Diffusion Plate	
HF9ZHA				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
HHY4C2				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, ALS	NT	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, ALS	NT	
HQVU2J				
Item 3	Pos Hemident, HemaTrace	Pos p30, Sperm Hy-Liter	NT	
Item 4	Pos Hemident, HemaTrace	Neg p30, Sperm Hy-Liter	NT	
HQWUXC				
Item 3	Pos LMG	Pos AP, ALS, Micro	NT	
Item 4	Pos LMG	Neg AP, ALS	NT	
HR8TWR				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
HRQFQ4				
Item 3	Pos KM, Combur (TMB)	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
HTYMGV				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HVKKYE				
Item 3	Pos KM	Pos AP, p30	NT	
Item 4	Pos KM	Neg AP	NT	
J4XPUJ				
Item 3	Pos O-tol	Pos ALS, AP, PSA, Micro	Neg Amylase	
Item 4	Pos O-tol	Neg ALS, AP	NT	Human Blood, Pos RSID
J9U9X4				
Item 3	Pos KM, Combur(TMB)	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, Combur(TMB)	Neg AP, PSA	Neg Phadebas	
JC8BHD				
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg Amylase Diffusion, Micro	
Item 4	Pos KM, Takayama	Neg AP, Micro, PSA	Neg Amylase Diffusion, Micro	
JHXNGG				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
JKLZGL				
Item 3	Pos KM	Pos AP, Micro for Spermatozoa	NT	
Item 4	Pos KM	Neg AP, Micro for Spermatozoa	NT	
JQP7RH				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
JX9AYK				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
JXA6LX				
Item 3	Pos LMG	Pos PSA, AP, RSID-Semen	NT	
Item 4	Pos LMG	Neg AP, PSA	NT	
JXP9CH				
Item 3	Pos KM, TMB	Pos PSA, Micro	NT	
Item 4	Pos KM, TMB	Neg PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
K7F99M				
Item 3	Pos O-tol	Pos AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
K8BU2D				
Item 3	Pos KM, HemDirect	Pos ALS, AP, Micro	NT	
Item 4	Pos KM, HemDirect	Neg ALS, AP	NT	
KAFD4F				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
KEBBCJ				
Item 3	Pos LMG, Ouchterlony (α-HuHb), ALS	Pos AP, PSA, Micro, ALS	Neg Amylase	
Item 4	Pos LMG, Ouchterlony (α-HuHb), ALS	Neg AP, PSA, Micro, ALS	Neg Amylase	
KF6W6A				
Item 3	Pos KM, HT	Pos AP, Micro	NT	
Item 4	Pos HT	Neg AP	Neg RSID	
KGHQKB				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
KHV3JF				
Item 3	Pos KM, HT	NT	NT	
Item 4	Pos KM, HT	NT	NT	
KJ8VF3				
Item 3	Pos KM	Pos AP, Micro		
Item 4	Pos KM	Neg AP		
KKDF43				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, p30, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, p30	NT	
KM3TLL				
Item 3	NT	Pos PSA	Neg RSID	Male DNA, Pos Y-screening
Item 4	NT	Neg PSA	Neg RSID	Male DNA, Neg Y-screening

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KT7XCJ				
Item 3	Pos H-stix	Pos Brentamine	NT	Skin Cells, Pos No presumptive test
Item 4	Pos H-stix	Neg Brentamine	NT	Skin Cells, Pos No presumptive test
KU6VT8				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
KVZEYE				
Item 3	Pos O-tol, ppth, color	Pos AP, Micro	NT	
Item 4	Pos O-tol, ppth, color	Neg AP, Micro	NT	
L3CYBP				
Item 3	Pos PTMB	Pos ALS, AP, Micro	NT	
Item 4	Pos PTMB	Neg ALS, AP	NT	
L7C7VM				
Item 3	Pos KM	Pos PSA	Neg Seratec Amylase	
Item 4	Pos KM	Neg PSA	Neg Seratec Amylase	
L9HJNM				
Item 3	Pos KM, HB	Pos AP, Micro, PSA	NT	
Item 4	Pos KM, HB	Neg AP	NT	
LCHVG2				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
LDTLLC				
Item 3	Pos KM	Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
LEPBDT				
Item 3	Pos Hemident, HemaTrace	Pos p30, Micro		
Item 4	Pos Hemident, HemaTrace	Neg p30, Micro		
LGZVY3				
Item 3	Pos KM	Pos ALS, FBB, PSA	NT	
Item 4	Pos KM	Neg ALS, FBB	NT	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
LH4R44				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> SAlIgAE	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> ALS, AP, PSA	<b>Neg</b> SAlIgAE	<b>Semen, Inc</b> Micro
LL8QCB				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> ALS, AP, Micro, PSA	<b>Neg</b> Phadebas	
LND43P				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
LPBEZD				
Item 3	<b>Pos</b> O-tol	<b>Pos</b> AP, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> O-tol	<b>Neg</b> AP	<b>Neg</b> Phadebas	
LQ48VW				
Item 3	<b>Pos</b> TMB	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> TMB	<b>Neg</b> AP	<b>NT</b>	
LRVD3A				
Item 3	<b>Pos</b> KM, Hemoglobin Immunochromatography	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas Amylase Test	
Item 4	<b>Pos</b> KM, Hemoglobin Immunochromatography	<b>Neg</b> AP, PSA	<b>Neg</b> Phadebas Amylase Test	
LTM76K				
Item 3	<b>Pos</b> O-tol	<b>Pos</b> AP, PSA		
Item 4	<b>Pos</b> O-tol	<b>Neg</b> AP, PSA		
LVUMHH				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
M4NWHF				
Item 3	<b>Pos</b> LMG	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b> LMG	<b>NT</b>	<b>NT</b>	
M6DKJ8				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, PSA, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
M9ZZCN				
Item 3	Pos LMG	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG	Neg AP, PSA, Micro	NT	
MBP46V				
Item 3	Pos LMG	Pos AP, PSA, RSID	Neg RSID	
Item 4	Pos LMG	Neg AP, PSA, RSID	Neg RSID	
MGT8VU				
Item 3	Pos LMG	Pos AP, PSA	NT	
Item 4	Pos LMG	Neg AP, PSA	NT	
MMY2RB				
Item 3	Pos KM, TAK	Pos AP, Micro	Neg Amylase Diffusion, Micro	
Item 4	Pos KM, TAK	Neg AP, Micro, RSID	Neg Amylase Diffusion, Micro	
MNTMK2				
Item 3	Pos KM, HemDirect	Pos AP, PSA, Micro, ALS	NT	
Item 4	Pos KM, HemDirect	Neg AP, PSA, Micro, ALS	NT	
MPJTZR				
Item 3	Pos KM	Pos Micro/AP	NT	
Item 4	Pos KM	Neg Micro/AP	NT	
MYC2PP				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
N3ME2W				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press test	
Item 4	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press test	
N6CXNF				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
N6WJJQ				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, p30, Micro(KPIC)	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
N8MHWP				
Item 3	Pos HemDirect	Pos AP; PSA; Sperm HYLITER	NT	
Item 4	Pos HemDirect	NT	NT	
NDM77G				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
NDMD7M				
Item 3	Pos Hemastix; OBTI	Pos Phosphatesmo; PSA		
Item 4	Pos Hemastix; OBTI	Neg Phosphatesmo; PSA		
NJTVTF				
Item 3	Pos KM, O-tol, RSID, Hematrace	Pos AP, Micro, p30	Neg Amylase	Urine/Fecal material, Neg RSID-urine / urobilinogen
Item 4	Pos KM, O-tol, RSID	Neg AP, Micro, p30	NT	Fecal material, Neg urobilinogen
NJVKVR				
Item 3	Pos HemaTrace, TMB	Pos AP	Neg RSID	
Item 4	Pos HemaTrace, TMB	Neg AP	Neg RSID	
NK6HL3				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
NQC4AZ				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
NQDWAT				
Item 3	Pos Hemastix, HemaTrace	Pos AP	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
NY9WNL				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NYMA4H				
Item 3	Pos KM, HemaTrace	Pos PSA, Micro	Neg RSID	male DNA, Pos Y screening
Item 4	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	male DNA, Neg Y screening
NYRPH4				
Item 3	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
P6RLLZ				
Item 3	Pos TMB, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos TMB, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
PC7C67				
Item 3	Pos KM, Takayama	Pos AP, Micro, PSA	Neg Phadebas	Human Origin, Pos Plexor HY
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos HemaTrace, Plexor HY
PKXUE9				
Item 3	Pos KM	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
PPY9G				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP, PSA	NT	
PV4PHE				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
Q6768J				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Q8A62N				
Item 3	Pos KM	Pos AP; Micro for Sperm	NT	
Item 4	Pos KM	Neg AP; Micro for Sperm	NT	
Q8CU4Z				
Item 3	Pos KM, HemaTrace	Pos PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Q93YW8				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	Human Origin, Pos PlexorHY
Item 4	Pos KM	Neg ALS, AP	NT	Human Origin, Pos PlexorHY
Q97MYJ				
Item 3	Pos KM, Bluestar OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, Bluestar OBTI	Neg AP	NT	
Q9GRK6				
Item 3	Pos Hemastix (TMB), HemaTrace	Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos Hemastix (TMB), HemaTrace	Neg AP and ALS	NT	
Q9NGVM				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
QECCHC				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
QF67H2				
Item 3	Pos KM, HemaTrace	Pos ALS, Micro, AP, RSID-Semen	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
QJLDZA				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg RSID	Human, Pos Plexor HY
Item 4	Pos KM	Neg AP	NT	Human, Pos Plexor HY
QM6HFJ				
Item 3	Pos TMB	Pos AP, Micro	NT	
Item 4	Pos TMB	Neg AP	NT	
QNG3M9				
Item 3	Pos O-tol	Pos ALS, AP, Micro	Neg RSID	
Item 4	Pos O-tol	Neg ALS, AP, Micro	Neg RSID	
QTA4NM				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QZCDTU				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
R47RXV				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
RDTR8D				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
RFKMEF				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
RFYBAF				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, PSA	NT	
RGXFQA				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
RJ32HF				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
RLA4Q7				
Item 3	Pos O-tol, PPth, red/brwn colour	Pos AP, ALS, Micro	NT	
Item 4	Pos O-tol, PPth, red/brwn colour	Neg AP, ALS, Micro	NT	
RPNY84				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	
RUY28D				
Item 3	Pos Hemastix	Pos AP (Brentamine)	NT	
Item 4	Pos Hemastix	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RVVERK				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
RVXZN2				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
RWBKGB				
Item 3	Pos KM	Pos AP, Micro, ALS	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos KM	Neg AP, Micro, ALS	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
RX3PQA				
Item 3	Pos TMB, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos TMB, HemaTrace	Neg AP	NT	
RYB39B				
Item 3	Pos LMG	Pos AP, PSA, Micro	Neg Amylase	
Item 4	Pos LMG	Neg AP, PSA, Micro	Neg Amylase	
T9X6AJ				
Item 3	Pos HemaTrace	Pos Fast Blue B (AP), ALS	Neg RSID-Saliva	
Item 4	Pos HemaTrace	Neg Fast Blue B (AP), ALS	Neg RSID Saliva	
TBJ3LF				
Item 3	Pos HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos HemaTrace	Neg ALS	NT	
TBJ68E				
Item 3	Pos O-tol	Pos AP, Micro	NT	
Item 4	Pos O-tol	Neg AP	NT	
TD8EJZ				
Item 3	Pos KM, HT	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM, HT	Neg AP, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
TGRJYB				
Item 3	<b>Pos</b> KM, O-tol, HemaTrace, RSID-Blood	<b>Pos</b> AP, Micro (Christmas Tree stain, Sperm Hyliter stain), p30	<b>Neg</b> Phadebas	<b>Urine, Neg; Fecal, Neg</b> RSID-Urine; Urobilinogen
Item 4	<b>Pos</b> KM, O-tol, RSID-Blood	<b>Neg</b> Micro (CT stain), AP test inconclusive due to transfer of reddish-brown color of stain when swabbing, p30	<b>Neg</b> Phadebas	<b>Fecal, Neg</b> Urobilinogen
TH9FPP				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, PSA, Micro	NT	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	NT	
TN8BZ9				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, Micro	NT	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP	NT	
TP4KBD				
Item 3	<b>Pos</b> LMG	<b>Pos</b> AP, PSA	<b>Neg</b> RSID-Saliva	
Item 4	<b>Pos</b> LMG	<b>Neg</b> AP	<b>Neg</b> RSID-Saliva	
TTKP99				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	NT	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP, Micro	NT	
TV9EDL				
Item 3	<b>Pos</b> LMG, HT	<b>Pos</b> AP, PSA, Micro	NT	
Item 4	<b>Pos</b> LMG, HT	<b>Neg</b> AP	NT	
U8GLK7				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro	NT	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP	NT	
U9RB74				
Item 3	NT	NT	NT	<b>Male DNA, Pos</b> Y-screening
Item 4	NT	NT	NT	<b>Male DNA, Neg</b> Y-screening
U9U3XJ				
Item 3	<b>Pos</b> FOB	<b>Pos</b> PSA, RSID-Semen	<b>Neg</b> RSID-Saliva	
Item 4	<b>Pos</b> FOB	<b>Neg</b> PSA, RSID-Semen	<b>Neg</b> RSID-Saliva	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UBHMNA				
Item 3	Pos O-tol	Pos AP, PSA	NT	
Item 4	Pos O-tol	NT	NT	
UCT8XJ				
Item 3	Pos KM, HemaTrace	Pos AP, p30, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for NECs	
Item 4	Pos KM, HemaTrace	Neg AP, p30, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for NECs	
UGN9T7				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
UHX9VR				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP, PSA	NT	
UXD4FV				
Item 3	Pos KM	Pos ALS, FBB, PSA	NT	
Item 4	Pos KM	Neg ALS, FBB	NT	
UXE4BN				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
V69T8J				
Item 3	Pos KM	Pos AP, Micro (BF, phase)	NT	
Item 4	Pos KM	Neg AP, Micro (BF, phase)	NT	
VA2NBC				
Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
VET3R7				
Item 3	Pos TMB, HemaTrace	Pos Micro	NT	
Item 4	Pos TMB, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VLUAD2				
Item 3	Pos LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
VMRKBP				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
VUCKQ2				
Item 3	Pos color, ppth, O-tol	Pos AP, Micro		
Item 4	Pos color, ppth, O-tol	Neg AP, Micro		
VUR4BY				
Item 3	Pos O-tol	Pos AP, Micro	Neg RSID	
Item 4	Pos O-tol	Neg AP, Micro	Neg RSID	
VYGJY7				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
W9NFLN				
Item 3	Pos KM, ABACard	Pos AP, PSA		
Item 4	Pos KM, ABACard	Neg AP		
WERPLP				
Item 3	Pos LMG, HT	Pos ALS, AP, PSA	NT	
Item 4	Pos LMG, HT	Neg ALS, AP, PSA	NT	
WEUAH6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
WRY9NQ				
Item 3	Pos KM, HemDirect	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemDirect	Neg ALS, AP, PSA Micro	NT	
X3TBYX				
Item 3	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID-Saliva, Phadebas	Human Origin, Pos Plexor HY
Item 4	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
X498TH				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	NT ALS	NT	
X6GPM8				
Item 3	Pos O-tol, HemaTrace	Pos AP, PSA	NT	
Item 4	Pos O-tol, HemaTrace	Neg AP, PSA	NT	
XBME9L				
Item 3	Pos KM; ABACard HemaTrace	Pos AP; PSA	NT	
Item 4	Pos KM; ABACard HemaTrace	NT	NT	
XC7Z7H				
Item 3	Pos LMG, HT	Pos ALS, AP, PSA	NT	
Item 4	Pos LMG, HT	Neg ALS, AP, PSA		
XDCRMX				
Item 3	Pos KM, HemaTrace	Pos AP, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
XH8F9C				
Item 3	Pos O-tol	Pos AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
XNTCB2				
Item 3	Pos HemaTrace	Pos ABACard p30, Micro	NT	
Item 4	Pos HemaTrace	Neg ABACard p30	NT	
XP8QMG				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
XQVC67				
Item 3	Pos KM, HemaTrace	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
Item 4	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
XT4HQ8				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XTPVFK				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> ALS, AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> ALS, AP, Micro	<b>NT</b>	
XVX7A3				
Item 3	<b>Pos</b> KM	<b>Pos</b> ALS, AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Neg</b> ALS, AP	<b>NT</b>	
Y2GV8H				
Item 3	<b>Pos</b> KM	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM	<b>Neg</b> AP, Micro, PSA	<b>Neg</b> Phadebas	
Y4N4F3				
Item 3	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>	
Y6V986				
Item 3	<b>Pos</b> LMG, HemaTrace	<b>Pos</b> AP, p30, Micro	<b>Neg</b> Amylase	
Item 4	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP, p30, Micro	<b>Neg</b> Amylase	
YACQ9M				
Item 3	<b>Pos</b> KM, ABACard HemaTrace	<b>Pos</b> AP, PSA	<b>Neg</b> Phadebas Press	
Item 4	<b>Pos</b> KM, ABACard HemaTrace	<b>Neg</b> AP	<b>Neg</b> Phadebas Press	
YKV6EA				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
YL2RM9				
Item 3	<b>Pos</b> O-tol	<b>Pos</b> AP, Micro, PSA, ALS	<b>Neg</b> Amylase Diffusion	
Item 4	<b>Pos</b> O-tol	<b>Neg</b> AP, Micro, PSA, ALS	<b>Neg</b> Amylase Diffusion	
YMX7CL				
Item 3	<b>Pos</b> Combur (TMB), KM	<b>Pos</b> Micro, AP, PSA	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b> Combur (TMB), KM	<b>Neg</b> AP, PSA	<b>Neg</b> Phadebas	
YMZVGJ				
Item 3	<b>Pos</b> LMG, HT	<b>Pos</b> AP, PSA, Micro	<b>NT</b>	
Item 4	<b>Pos</b> LMG, HT	<b>Neg</b> AP, PSA, Micro	<b>NT</b>	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YVAZUA				
Item 3	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
YW7HR6				
Item 3	Pos LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
YXERGG				
Item 3	Pos KM	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Phadebas	
YZJKBE				
Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Z2EFF3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
Z3QXV2				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
Z44MZZ				
Item 3	Pos TMB	Pos AP, PSA, Micro, ALS	NT	
Item 4	Pos TMB	Neg AP, ALS	NT	
Z4LHKM				
Item 3	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP, PSA	NT	
Z7PK4W				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
ZCV8Z7				
Item 3	Pos LMG, KM	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZEHTQ9				
Item 3	Pos KM, OBTI	Pos AP, RSID-Semen, PSA	NT	
Item 4	Pos KM, OBTI	Neg AP	NT	
ZEZVJ3				
Item 3	Pos Tetramethylbenzidine, HemaTrace	Pos ALS, AP, PSA, Micro	Neg RSID (Saliva)	
Item 4	Pos Tetramethylbenzidine, HemaTrace	Neg ALS, AP	Neg RSID (Saliva)	
ZFBFN7				
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	
ZHHVYH				
Item 3	Pos KM	Pos AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP	NT	
ZJF7UK				
Item 3	Pos KM, ABACard HemaTrace	Pos AP, PSA	NT	
Item 4	Pos KM, ABACard HemaTrace	NT	NT	
ZMEE32				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ZN4WU2				
Item 3	Pos Luminol	Pos Brentamine (AP)		Sweat, NT
Item 4	Pos Hemastix	Neg Brentamine (AP)		Sweat, NT
ZPGPN4				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
ZQC3F3				
Item 3	Pos LMG	Pos AP, Micro	NT	
Item 4	Pos LMG	Neg AP	NT	
ZR2GVZ				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZXCKQ9				
Item 3	Pos O-tol	Pos ALS, AP, Micro	Neg Micro	
Item 4	Pos O-tol	NT	NT	

**Table 1: Serology Screening Response Summary** **Item 3** Participants: **324**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	<b>321</b>	<b>307</b>	<b>0</b>
Negative	<b>1</b>	<b>0</b>	<b>95</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>0</b>
Not Tested (NT)	<b>2</b>	<b>17</b>	<b>215</b>
Not Reported	<b>0</b>	<b>0</b>	<b>14</b>

**Table 1: Serology Screening Response Summary** **Item 4** Participants: **324**

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	<b>322</b>	<b>0</b>	<b>0</b>
Negative	<b>0</b>	<b>296</b>	<b>90</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>1</b>
Not Tested (NT)	<b>2</b>	<b>28</b>	<b>215</b>
Not Reported	<b>0</b>	<b>0</b>	<b>18</b>

# Amplification Kit(s) & STR Results

TABLE 2

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

## Item 1 - STR Results

22QJG9	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
		15,15		11,14	11,11	15,17
		12,13	28,30	X,X	10,13	22,23
				7,9	6,10	16,16
24GGFZ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
		15		11,14	11	15,17
		12,13	28,30	X	10,13	22,23
				7,9	6,10	16
27M4RJ	<i>GlobalFiler™</i>					
1		13,14	17,25	11,12	16,18	11,13
		15,15	14,15	18.1,20	11,14	11,11
		12,13	28,30	14,16	X,X	10,13
				19,27.2	7,9	6,10
2CNHBY	<i>PowerPlex® Fusion 6C</i>					
1		13,14	17,25	11,12	16,18	11,13
		15	14,15	18.1,20	11,14	11
		12,13	28,30	14,16	X	10,13
		8,12	8,16	19,27.2	7,9	6,10
2KJ6HY	<i>PowerPlex® 16</i>					
1				16,18	11,13	8,8
				15,15	11,14	11,11
			28,30	X,X	10,13	22,23
		8,12	8,16	7,9	6,10	16,16
2MRDRJ	<i>PowerPlex®</i>					
1				16,18	11,13	8
				15	11,14	11
			28,30	X	10,13	22,23
		8,12	8,16	7,9	6,10	16
2V24R2	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
		15,15		11,14	11,11	15,17
		12,13	28,30	X,X	10,13	22,23
				7,9	6,10	16,16
2YMG26	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
		15,15		11,14	11,11	15,17
		12,13	28,30	X,X	10,13	22,23
				7,9	6,10	16,16



TABLE 2

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

Item 1 - STR Results

34TXNX	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
37H2G6	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
3JPWRU	<i>Identifiler® Plus, GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
3KGV7T	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3KX2BA	<i>Identifiler® Plus, GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
3KY4UM	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3WRMBD	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3XPTY	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
44TWJR	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

47CXGY	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
48QH8N	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
493A4B	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
4B9VRB	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
4FZ3AK	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
4KRE3V	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
4UX42Z	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
4YVM3X	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
62HGLK	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

6EPKTZ	<i>Identifiler® Plus, PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
6F227D	<i>Identifiler® Plus, GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
6H8KB2	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
6HZKYY	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
6K8XMT	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
6MF389	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
6QB2DQ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
6RP7A4	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
6VAFZG	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

72DJNU	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
7386LQ	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
784PPB	<i>PowerPlex® 16</i>					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
79BABP	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
79CYJT	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
79RA8Z	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
7AM7GU	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
7BWXMP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
7CBFRG	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

7K8CDX	<i>Identifiler® Plus, MiniFiler™</i>					
1	NT	17,25	NT	16,18	11,13	8,8
	15,15	NT	NT	11,14	11,11	15,17
	12,13	28,30	NT	X,X	10,13	22,23
	NT	NT	NT	7,9	6,10	16,16
7LJUUH	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
7Q9X9N	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
7VKJ6R	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
7VQQGZ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
7WJKCJ	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
7ZJXV3	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
82UV4D	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
87M2K2	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

8C96C4	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
8CQZVQ	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
8G2BQ7	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
8MC68W	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
8RGZPB	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
8RHXXL	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
8UAWD6	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
8VZXEM	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
8X7LRR	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

8ZAHWT	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
92PVMB	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
9CLZBG	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
9GDC4R	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
9KFD4P	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
9P97MK	<i>PowerPlex® 21</i>					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
9QLZ3K	<i>PowerPlex® 21</i>					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
A2H8EV	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
A48E4Y	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

A4A7VE	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
A6MTDT	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
AAD4MR	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
AKXCAZ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
AL3CVT	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
ARW4C3	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ATQUHG	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
AXH4J3	<i>PowerPlex® 21</i>					
1	13,14	17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
AYR92W	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16



TABLE 2

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

Item 1 - STR Results

B3BKET	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
B6ZRYP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
B792RM	<i>PowerPlex® HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
B9FG3Y	<i>Identifiler® Plus</i>					
1	NT	17,25	NT	16,18	11,13	8,8
	15,15	NT	NT	11,14	11,11	15,17
	12,13	28,30	NT	X,X	10,13	22,23
	NT	NT	NT	7,9	6,10	16,16
B9TVL3	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
BD9J7Y	<i>Identifiler® Plus</i>					
1	N/A	17,25	N/A	16,18	11,13	8,8
	15,15	N/A	N/A	11,14	11,11	15,17
	12,13	28,30	N/A	X,X	10,13	22,23
	N/A	N/A	N/A	7,9	6,10	16,16
BGT78Y	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
BJYN7V	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
BVU347	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

BWNNWX	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
C2CR37	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
C394ZU	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
C4G63T	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
C73ABQ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
C8WV4G	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
CLH8HC	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
CMCQQ6	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
CN9BBJ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

CTXTPV	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
CTZF4N	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
CTZKEQ	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
CV7Y9B	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
D4FNMA	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
D99RAL	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
D9P4VX	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
DAKNKH	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
DALETL	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

DC7DWH	SURE ID					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DDLWKL	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
DGGJGV	Identifiler®					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
DHFLA7	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
DK39YM	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
DLGP2T	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
DPDEFE	PowerPlex® 21					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DQAR6T	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
DTX7U3	PowerPlex® 16					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

DWYAGJ	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
E2726M	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
E273AT	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
E2M9DP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
E4AV4R	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
E7Y9JP	<i>Identifiler® and Identifiler Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
E8BXQ9	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
E98E46	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
EAHCGM	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

ELE8TW	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
ELW7WL	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
EN3UAQ	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
EPT3BE	PowerPlex® 16 HS					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
EQJ9PK	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
EQPFZT	Identifiler® Plus					
1	Not typed	17,25	Not typed	16,18	11,13	8,8
	15,15	Not typed	Not typed	11,14	11,11	15,17
	12,13	28,30	Not typed	X,X	10,13	22,23
	Not typed	Not typed	Not typed	7,9	6,10	16,16
EVGH7D	PowerPlex® 21					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
EVHA2Z	PowerPlex® 16					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
EZQXF2	PowerPlex® 16					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

F2J7ZQ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
F2JX7L	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
FH89XU	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
FXKU36	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
FXY7YP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
G2GNRU	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
G2V8HJ	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
GACN7L	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
GBLTKB	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

GDQG47	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
GDRFYZ	PowerPlex® 16,18D					
1		17,25		16,18	11,13	8
	15			11,14	11	15 ^, 17 ^
	12,13	28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
GF24YZ						
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
GFZB2R	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
GHMZ8Q	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
GPMKAL	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
GVPJYP	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
HCVZM4	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
HEF8NC	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16



TABLE 2

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

Item 1 - STR Results

HF9ZHA	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
HHY4C2	<i>PowerPlex® 16,18D</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
HQVU2J	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
HQWUXC	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
HRQFQ4	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
HTYMGV	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
J4XPUJ	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
J9U9X4	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
JC8BHD	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

JHWNLM	<i>Identifiler® Plus, PowerPlex® Fusion 6C (Direct)</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
JHXNGG	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
JKLZGL	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JQP7RH	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JX9AYK	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JXA6LX	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
JXP9CH	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
K7F99M	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
K8BU2D	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

KAFD4F	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
KEBBCJ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
KF6W6A	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
KGHQKB	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
KHV3JF	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
KJ8VF3	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
KKDF43	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
KM3TLL	<i>PowerPlex® Fusion 5C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
KT7XCJ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

KU6VT8	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
KVZEYE	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
L3CYBP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
L7C7VM	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
L9HJNM	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
LCHVG2	<i>PowerPlex® Fusion Direct</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
LDTLLC	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
LEPBDT	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LGZVY3	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

LH4R44	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
LND43P	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LPBEZD	<i>PowerPlex® HS</i>					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
LQ48VW	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LRVD3A	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
LTM76K	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
LVUMHH	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
M2FUJM	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
M4NWHF	<i>PowerPlex® ESI Fast</i>					
1	13,14	17,25	11,12	16,18		
	15,15	14,15	18.1,20		11,11	15,17
	12,13	28,30	14,16	X,X		22,23
			19,27.2	7,9		16,16

TABLE 2

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

Item 1 - STR Results

M6DKJ8	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
M9ZZCN	<i>Identifiler® Plus</i>					
1	n/t	17,25	n/t	16,18	11,13	8,8
	15,15	n/t	n/t	11,14	11,11	15,17
	12,13	28,30	n/t	X,X	10,13	22,23
	n/t	n/t	n/t	7,9	6,10	16,16
MBP46V	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
MGT8VU	<i>Identifiler® Plus, PowerPlex® Fusion system</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
MMY2RB	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
MNTMK2	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16
MPJTZR	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
MYC2PP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
N3ME2W	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

N6CXNF	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
N6WJJQ	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
N8MHWP	<i>Identifiler® Plus, GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	NT	NT	19,27.2	7,9	6,10	16
NDM77G	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
NDMD7M	<i>PowerPlex® ESI 16</i>					
1	13,14	17,25	11,12	16,18		
	15	14,15	18.1,20		11	15,17
	12,13	28,30	14,16	X		22,23
				7,9		16
NJTVTF	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
NJVKVR	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
NK6HL3	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
NQC4AZ	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

NQDWAT	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
NY9WNL	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
NYMA4H	PowerPlex® Fusion 5C					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
NYRPH4	PowerPlex® Fusion, 16 HS					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
P6RL LZ	PowerPlex® 21					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
PC7C67	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
PKXUE9	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
PPYY9G	Identifiler® Plus, PowerPlex® 18D					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
PV4PHE	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16



TABLE 2

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

Item 1 - STR Results

Q6768J	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
Q8A62N	<i>Identifiler® Plus, MiniFiler™</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Q8CU4Z	<i>PowerPlex® 16 HS</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
Q93YW8	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Q97MYJ	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
Q9GRK6	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
Q9NGVM	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QA2Y6K	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QECCHC	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

QF67H2	<i>PowerPlex® 21</i>					
1	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
QJLDZA	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
QM6HFJ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QNG3M9	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QTA4NM	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
QU2F4M	<i>Identifiler® , GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
QZCDTU	<i>Identifiler® Plus</i>					
1	N/A	17,25	N/A	16,18	11,13	8,8
	15,15	N/A	N/A	11,14	11,11	15,17
	12,13	28,30	N/A	X,X	10,13	22,23
	N/A	N/A	N/A	7,9	6,10	16,16
R47RXV	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
R48KTH	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

RDTR8D	<i>Identifiler® Plus, PowerPlex® 18D</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
RFKMEF	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
RFYBAF	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
RGXFQA	<i>PowerPlex® Fusion Direct</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
RJ32HF	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
RLA4Q7	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
RPNY84	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
RUY28D	<i>Identifiler® +</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
RVERK	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

RXZLN2	PowerPlex® 16 HS					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
RWBKGB	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
RX3PQA	PowerPlex® Fusion 6C					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16
RYB39B	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
T9X6AJ	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
TAQ9K7	Identifiler®					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TBJ3LF	PowerPlex® Fusion					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
TBJ68E	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TD8EJZ	Identifiler®					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

TGRJYB	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TH3CPJ	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
TH9FPP	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TN8BZ9	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
TP4KBD	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TTKP99	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
TV9EDL	<i>PowerPlex® 16</i>					
1				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
U8GLK7	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
U9RB74	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

U9U3XJ	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
UBHMNA	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
UCT8XJ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
UGN9T7	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
UXD4FV	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
UXE4BN	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
V69T8J	<i>Identifiler® Plus</i>					
1	NA	17,25	NA	16,18	11,13	8,8
	15,15	NA	NA	11,14	11,11	15,17
	12,13	28,30	NA	X,X	10,13	22,23
	NA	NA	NA	7,9	6,10	16,16
VA2NBC	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
VET3R7	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

VLUAD2	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
VMRKBP	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
VUCKQ2	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
VUR4BY	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
VYGJY7	<i>PowerPlex® Fusion 6C Direct</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
W9NFLN	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
WERPLP	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
WEUAH6	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
WJ8WAN	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

WRY9NQ	GlobalFiler™	1	13,14	17,25	11,12	16,18	11,13	8
			15	14,15	18.1,20	11,14	11	15,17
			12,13	28,30	14,16	X	10,13	22,23
					19,27.2	7,9	6,10	16
X3TBYX	Identifiler® Plus	1		17,25		16,18	11,13	8,8
			15,15			11,14	11,11	15,17
			12,13	28,30		X,X	10,13	22,23
						7,9	6,10	16,16
X498TH	GlobalFiler™	1	13,14	17,25	11,12	16,18	11,13	8
			15	14,15	18.1,20	11,14	11	15,17
			12,13	28,30	14,16	X	10,13	22,23
					19,27.2	7,9	6,10	16
X6GPM8	Identifiler® Plus	1		17,25		16,18	11,13	8,8
			15,15			11,14	11,11	15,17
			12,13	28,30		X,X	10,13	22,23
						7,9	6,10	16,16
XBME9L	PowerPlex® 16 HS	1				16,18	11,13	8,8
			15,15			11,14	11,11	15,17
				28,30		X,X	10,13	22,23
			8,12	8,16		7,9	6,10	16,16
XC7Z7H	PowerPlex® 16	1				16,18	11,13	8
			15			11,14	11	15,17
				28,30		X	10,13	22,23
			8,12	8,16		7,9	6,10	16
XDCRMX	PowerPlex® Fusion	1	13,14	17,25	11,12	16,18	11,13	8,8
			15,15	14,15	18.1,20	11,14	11,11	15,17
			12,13	28,30	14,16	X,X	10,13	22,23
			8,12	8,16		7,9	6,10	16,16
XH8F9C	Identifiler® Plus	1		17,25		16,18	11,13	8,8
			15,15			11,14	11,11	15,17
			12,13	28,30		X,X	10,13	22,23
						7,9	6,10	16,16
XNTCB2	PowerPlex® 16 HS	1				16,18	11,13	8
			15			11,14	11	15,17
				28,30		X	10,13	22,23
			8,12	8,16		7,9	6,10	16



TABLE 2

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

Item 1 - STR Results

XP8QMG	PowerPlex® 16					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
XT4HQ8	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
XTPVFK	PowerPlex® 16					
1				16^,18^	11,13	8
	15			11,14	11	15^,17^
		28,30		X	10,13	22,23
	8,12	8^,16^		7,9	6,10	16
XVX7A3	PowerPlex® FUSION 6C					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
Y2GV8H	Identifiler® Direct					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Y4N4F3	Identifiler®					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Y6V986	Identifiler® Plus					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
YACQ9M	GlobalFiler™					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
YKV6EA	Identifiler® Plus					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

YL2RM9	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
YMX7CL	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
YMZVGJ	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
YVAZUA	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
YW7HR6	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
YXERGG	<i>Identifiler® Direct</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
YZJKBE	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Z2EFF3	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Z3QXV2	<i>PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16

TABLE 2

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

Item 1 - STR Results

Z44MZZ	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Z4LHKM	<i>PowerPlex® 16</i>					
1				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
Z7PK4W	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	NA	7,9	6,10	16,16
ZCV8Z7	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZEHTQ9	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
ZEZVJ3	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
ZFBFN7	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZHHVYH	<i>Identifiler® Plus, PowerPlex® Fusion 6C</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
ZJF7UK	<i>GlobalFiler™</i>					
1	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 1 - STR Results

ZMEE32	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZN4WU2	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZPGPN4	<i>Identifiler® Plus</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZQC3F3	<i>GlobalFiler™ Express</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
ZR2GVZ	<i>PowerPlex® Fusion</i>					
1	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
ZXCKQ9	<i>Identifiler®</i>					
1		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 2 - STR Results

22QJG9						
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
24GGFZ	Identifiler® Plus					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
27M4RJ	PowerPlex® 16 hs					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
2CNHBY	PowerPlex® Fusion 6C					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
2KJ6HY	PowerPlex® 16					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
2MRDRJ	PowerPlex® 16					
2				15,17	12	8,12
	10,14			11	9	11 <sup>^</sup> ,17 <sup>^</sup>
		29,31		X,Y	10,11	21
	9	13,15 <sup>^</sup>		7,8	8,9	16,18
2V24R2	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
2YMG26	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
34TXNX	Identifiler® Plus					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

37H2G6	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
3JPWRU	<i>Identifiler® Plus, GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
3KGV7T	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
3KX2BA	<i>Identifiler® Plus, GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,19
3KY4UM	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
3WRMBD	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
3XPTY	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
44TWJR	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
47CXGY	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

48QH8N	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
493A4B	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
4B9VRB	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
4FZ3AK	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
4KRE3V	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
4UX42Z	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
4YVM3X	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
62HGLK	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
6EPKTZ	<i>Identifiler® Plus, PowerPlex® Fusion 6C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

6F227D	<i>Identifiler® Plus, GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
6H8KB2	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
6HZKYY	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
6K8XMT	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
6MF389	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
6QB2DQ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
6RP7A4	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
6VAFZG	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
72DJNU	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18



TABLE 2

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

Item 2 - STR Results

7386LQ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
784PPB	<i>PowerPlex® 16</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
79BABP	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
79CYJT	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
79RA8Z	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
7AM7GU	<i>PowerPlex® Fusion 6C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
7BWXMP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
7CBFRG	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
7K8CDX	<i>Identifiler® Plus, MiniFiler™</i>					
2	NT	17,19	NT	15,17	12,12	8,12
	10,14	NT	NT	11,11	9,9	11,17
	12.2,12.2	29,31	NT	X,Y	10,11	21,21
	NT	NT	NT	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

7LJUUH	<i>Identifiler® Direct</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
7Q9X9N	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
7VKJ6R	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
7VQQGZ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
7WJKCJ	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
7ZJXV3	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
82UV4D	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
87M2K2	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	(17),21,21
			14,24.2	7,8	8,9	16,18
8C96C4	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

8CQZVQ	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
8G2BQ7	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
8MC68W	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
8RGZPB	<i>Identifiler® Direct</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
8RHXXL	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
8UAWD6	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
8VZXEM	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
8X7LRR	<i>PowerPlex® HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
8ZAHWT	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

92PVMB	<i>GlobalFiler™ Express</i>					
2	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
9CLZBG	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
9GDC4R	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
9KFD4P	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
9P97MK	<i>PowerPlex® 21</i>					
2	15,3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
9QLZ3K	<i>PowerPlex® 21</i>					
2	15,3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
A2H8EV	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
A48E4Y	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
A4A7VE	<i>Identifiler® Direct</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

A6MTDT	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
AAD4MR	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
AKXCAZ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
AL3CVT	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
ARW4C3	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ATQUHG	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
AXH4J3	<i>PowerPlex® 21</i>					
2	15.3,18	17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
AYR92W	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
B3BKET	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

B6ZRYP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
B792RM	<i>PowerPlex® HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
B9FG3Y	<i>Identifiler® Plus</i>					
2	NT	17,19	NT	15,17	12,12	8,12
	10,14	NT	NT	11,11	9,9	11,17
	12.2,12.2	29,31	NT	X,Y	10,11	21,21
	NT	NT	NT	7,8	8,9	16,18
B9TVL3	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
BD9J7Y	<i>Identifiler® Plus</i>					
2	N/A	17,19	N/A	15,17	12,12	8,12
	10,14	N/A	N/A	11,11	9,9	11,17
	12.2,12.2	29,31	N/A	X,Y	10,11	21,21
	N/A	N/A	N/A	7,8	8,9	16,18
BGT78Y	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
BJYN7V	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
BVU347	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
BWNNWX	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

C2CR37	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
C394ZU	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
C4G63T	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
C73ABQ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
C8WV4G	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
CLH8HC	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
CMCQQ6	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
CN9BBJ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
CTXTPV	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

CTZF4N	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
CTZKEQ	<i>Identifiler® Direct</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
CV7Y9B	<i>PowerPlex® Fusion 6C Direct</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
D4FNMA	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
D99RAL	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
D9P4VX	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DAKNKH	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
DALETL	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DC7DWH	<i>SURE ID</i>					
2	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18



TABLE 2

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

Item 2 - STR Results

DDLWKL	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
DGGJGV	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DHFLA7	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DK39YM	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
DLGP2T	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DPDEFE	<i>PowerPlex® 21</i>					
2	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DQAR6T	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
DTX7U3	<i>PowerPlex® 16</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DWYAGJ	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

E2726M	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
E273AT	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E2M9DP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E4AV4R	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
E7Y9JP	<i>Identifiler® and Identifiler Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E8BXQ9	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
E98E46	<i>PowerPlex® 16</i>					
2				15 <sup>^</sup> ,17 <sup>^</sup>	12	8,12
	10 <sup>^</sup> ,14 <sup>^</sup>			11	9	11 <sup>^</sup> ,17 <sup>^</sup>
		29,31		X,Y	10 <sup>^</sup> ,11 <sup>^</sup>	21
	9	13 <sup>^</sup> ,15 <sup>^</sup>		7,8	8,9	16,18
EAHCGM	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ELE8TW	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

ELW7WL	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
EN3UAQ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
EPT3BE	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
EQJ9PK	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
EQPFZT	<i>Identifiler® Plus</i>					
2	Not typed	17,19	Not typed	15,17	12,12	8,12
	10,14	Not typed	Not typed	11,11	9,9	11,17
	12.2,12.2	29,31	Not typed	X,Y	10,11	21,21
	Not typed	Not typed	Not typed	7,8	8,9	16,18
EVGH7D	<i>PowerPlex® 21</i>					
2	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
EVHA2Z	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
EZQXF2	<i>PowerPlex® 16</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
F2J7ZQ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

F2JX7L	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
FH89XU	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
FXKU36	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
FXY7YP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
G2GNRU	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
G2V8HJ	<i>PowerPlex® Fusion 6C Direct</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
GACN7L	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
GBLTKB	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
GDQG47	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

GDRFYZ	<i>PowerPlex® 16+,18D</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
GF24YZ	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
GFZB2R	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
GHMZ8Q	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
GPMKAL	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
GVPJYP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
HCVZM4	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
HEF8NC	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
HF9ZHA	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

HHY4C2	<i>PowerPlex® 16,18D</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
HQVU2J	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
HQWUXC	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
HRQFQ4	<i>Identifiler®, GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
HTYMGV	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
J4XPUJ	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
J9U9X4	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
JC8BHD	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JHWNLM	<i>Identifiler® Plus, PowerPlex® Fusion 6C (direct)</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

JHXNGG	<i>PowerPlex® Fusion 6C</i>					
2	15.3,[INC],18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
JKLZGL	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JQP7RH	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JX9AYK	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JXA6LX	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
JXP9CH	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
K7F99M	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
K8BU2D	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
KAFD4F	<i>PowerPlex® Fusion 6C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

KEBBCJ 2	<i>Identifiler® Plus</i>					
		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
			7,8	8,9	16,18	
KF6W6A 2	<i>PowerPlex® 16 HS</i>					
				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
KQHQB 2	<i>Identifiler® Plus</i>					
		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
			7,8	8,9	16,18	
KHV3JF 2	<i>Identifiler® Plus</i>					
		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
			7,8	8,9	16,18	
KJ8VF3 2	<i>Identifiler® Direct</i>					
		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
			7,8	8,9	16,18	
KKDF43 2	<i>GlobalFiler™</i>					
	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
		14,24.2	7,8	8,9	16,18	
KM3TLL 2	<i>PowerPlex® Fusion 5C</i>					
	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
KT7XCJ 2	<i>Identifiler® Plus</i>					
		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
			7,8	8,9	16,18	
KU6VT8 2	<i>PowerPlex® Fusion</i>					
	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18



TABLE 2

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

Item 2 - STR Results

KVZEYE	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
L3CYBP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
L7C7VM	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
L9HJNM	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
LCHVG2	<i>PowerPlex® Fusion Direct</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
LDTLLC	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
LEPBDT	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
LGZVY3	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
LH4R44	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

LND43P	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
LPBEZD	<i>PowerPlex® HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
LQ48VW	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
LRVD3A	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
LTM76K	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
LVUMHH	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
M2FUJM	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
M4NWHF	<i>PowerPlex® ESI Fast</i>					
2	15.3,18	17,19	11,14	15,17		
	10,14	14,15	17,20		9,9	11,17
	12.2,12.2	29,31	16,16	X,Y		21,21
			14,24.2	7,8		16,18
M6DKJ8	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

M9ZZCN	<i>Identifiler® Plus</i>					
2	n/t	17,19	n/t	15,17	12,12	8,12
	10,14	n/t	n/t	11,11	9,9	11,17
	12.2,12.2	29,31	n/t	X,Y	10,11	21,21
	n/t	n/t	n/t	7,8	8,9	16,18
MBP46V	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
MGT8VU	<i>Identifiler® Plus, PowerPlex® Fusion system</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
MMY2RB	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
MNTMK2	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
MPJTZR	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
MYC2PP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
N3ME2W	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
N6CXNF	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

N6WJJQ	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
N8MHWP	<i>Identifiler® Plus, GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	NT	NT	14,24.2	7,8	8,9	16,18
NDM77G	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
NDMD7M	<i>PowerPlex® ESI 16</i>					
2	15.3,18	17,19	11,14	15,17		
	10,14	14,15	17,20		9	11,17
	12.2	29,31	16	X,Y		21
				7,8		16,18
NJTVTF	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
NJVKVR	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
NK6HL3	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
NQC4AZ	<i>Identifiler® Direct</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
NQDWAT	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

NY9WNL	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
NYMA4H	<i>PowerPlex® Fusion 5C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
NYRPH4	<i>PowerPlex® Fusion, 16 HS</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
P6RLLZ	<i>PowerPlex® 21</i>					
2	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
PC7C67	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
PKXUE9	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
PPYY9G	<i>Identifiler® Plus, PowerPlex® 18D</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
PV4PHE	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
Q6768J	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

Q8A62N	<i>Identifiler® Plus, MiniFiler™</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Q8CU4Z	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
Q93YW8	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Q97MYJ	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
Q9GRK6	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
Q9NGVM	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QA2Y6K	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QECCHC	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QF67H2	<i>PowerPlex® 21</i>					
2	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

QJLZA	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
QM6HFJ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QNG3M9	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QTA4NM	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
QU2F4M	<i>Identifiler®, GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
QZCDTU	<i>Identifiler® Plus</i>					
2	N/A	17,19	N/A	15,17	12,12	8,12
	10,14	N/A	N/A	11,11	9,9	11,17
	12.2,12.2	29,31	N/A	X,Y	10,11	21,21
	N/A	N/A	N/A	7,8	8,9	16,18
R47RXV	<i>PowerPlex® Fusion 6C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
R48KTH	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RDTR8D	<i>Identifiler® Plus, PowerPlex® 18D</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

RFKMEF	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RFYBAF	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
RGXFQA	<i>PowerPlex® Fusion 6C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
RJ32HF	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RLA4Q7	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
RPNY84	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
RUY28D	<i>Identifiler® +</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
RVERK	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RVXZN2	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18



TABLE 2

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

Item 2 - STR Results

RWBKGB	GlobalFiler™					
2	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
RX3PQA	PowerPlex® Fusion 6C					
2	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	14,24.2	7,8	8,9	16,18
RYB39B	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
T9X6AJ	GlobalFiler™					
2	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
TAQ9K7	Identifiler®					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TBJ3LF	PowerPlex® Fusion					
2	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
TBJ68E	Identifiler® Plus					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TD8EJZ	Identifiler®					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TGRJYB	Identifiler® Plus					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

TH3CPJ	<i>PowerPlex® Fusion 6C</i>					
2	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
TH9FPP	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TN8BZ9	<i>GlobalFiler™ Express</i>					
2	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
TP4KBD	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TTKP99	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
TV9EDL	<i>PowerPlex® 16</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
U8GLK7	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
U9RB74	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
U9U3XJ	<i>GlobalFiler™</i>					
2	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

UBHMNA	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
UCT8XJ	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
UGN9T7	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
UXD4FV	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
UXE4BN	<i>Identifiler® Direct</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
V69T8J	<i>Identifiler® Plus</i>					
2	NA	17,19	NA	15,17	12,12	8,12
	10,14	NA	NA	11,11	9,9	11,17
	12.2,12.2	29,31	NA	X,Y	10,11	21,21
	NA	NA	NA	7,8	8,9	16,18
VA2NBC	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
VET3R7	<i>PowerPlex® Fusion 6C</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	14,24.2	7,8	8,9	16,18
VLUAD2	<i>Identifiler® Plus, GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

VMRKBP	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
VUCKQ2	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
VUR4BY	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
VYGJY7	<i>PowerPlex® Fusion 6C Direct</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
W9NFLN	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
WERPLP	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
WEUAH6	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
WJ8WAN	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
WRY9NQ	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

X3TBYX	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
X498TH	<i>GlobalFiler™</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
X6GPM8	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
XBME9L	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
XC7Z7H	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
XDCRMX	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
XH8F9C	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
XNTCB2	<i>PowerPlex® 16 HS</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
XP8QMG	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

XT4HQ8	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
XTPVFK	<i>PowerPlex® 16</i>					
2				15,17	12	8,12
	10,14			11	9	11,17 ^
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
XVX7A3	<i>PowerPlex® FUSION 6C</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
Y2GV8H	<i>Identifiler® Direct</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Y4N4F3	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Y6V986	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
YACQ9M	<i>PowerPlex® 16 HS</i>					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
YKV6EA	<i>Identifiler® Plus</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
YL2RM9	<i>Identifiler®</i>					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

YMX7CL	GlobalFiler™					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
YMZVGJ	GlobalFiler™ Express					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
YVAZUA	Identifiler® Plus					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
YW7HR6	GlobalFiler™ Express					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
YXERGG	Identifiler® Direct					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
YZJKBE	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Z2EFF3	Identifiler®					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Z3QXV2	PowerPlex® Fusion 6C					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
Z44MZZ	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 2 - STR Results

Z4LHKM	PowerPlex® 16					
2				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
Z7PK4W	PowerPlex® Fusion					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	NT	7,8	8,9	16,18
ZCV8Z7	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZEHTQ9	GlobalFiler™					
2	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
ZEZVJ3	Identifiler® Plus					
2		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
ZFBFN7	Identifiler® Plus					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZHHVYH	Identifiler® Plus, PowerPlex® Fusion 6C					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
ZJF7UK	PowerPlex® 16 HS					
2				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
ZMEE32	Identifiler®					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18



TABLE 2

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

Item 2 - STR Results

ZN4WU2	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZPGPN4	<i>Identifiler® Plus</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZQC3F3	<i>GlobalFiler™ Express</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
ZR2GVZ	<i>PowerPlex® Fusion</i>					
2	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
ZXCKQ9	<i>Identifiler®</i>					
2		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3 - STR Results

62HGLK	<i>PowerPlex® Fusion</i>					
3	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
7VKJ6R	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
8ZAHWT	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
9KFD4P	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
B9TVL3	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
CLH8HC	<i>PowerPlex® Fusion</i>					
3	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
EAHCGM	<i>Identifiler®</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
EQJ9PK	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
F2JX7L	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16

TABLE 2

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

Item 3 - STR Results

KHV3JF	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16
M4NWHF	<i>PowerPlex® ESI Fast</i>					
3	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18		
	10,14,15	14,15	17,18.1,20		9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y		21,22,23
			14,19,24.2,27.2	7,8,9		16,18
N6CXNF	<i>Identifiler®</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
NDMD7M	<i>PowerPlex® ESI 16</i>					
3	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18		
	10,14,15	14,15	17,18.1,20		9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y		21,22,23
				7,8,9		16,18
Q9NGVM	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
U9U3XJ	<i>GlobalFiler™</i>					
3	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
UGN9T7	<i>Identifiler® Plus</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
WEUAH6	<i>Identifiler®</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
WJ8WAN	<i>PowerPlex® Fusion</i>					
3	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3 - STR Results

Y4N4F3	<i>Identifiler®</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
Z2EFF3	<i>Identifiler®</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
ZMEE32	<i>Identifiler®</i>					
3		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

22QJG9	<i>Identifiler®</i>					
3e		17,(19),25		(15),16,(17),18	11,(12),13	8,8
	(10),15,15			11,14	(9),11,11	(11),15,17
	12,(12.2),13	28,[29],30,(31)		X,X,(Y)	10,(11),13	(21),22,23
				7,(8),9	6,(8),(9),10	16,16,(18)
24GGFZ	<i>Identifiler® Plus</i>					
3e		17,[19],25		15,16,[17],18	11,12,13	8,[12]
	[10],[14],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,8,9,10	16,[18]
27M4RJ	<i>PowerPlex® 16 hs</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
2CNHBY	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18,1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
2KJ6HY	<i>PowerPlex® 16</i>					
3e				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
2MRDRJ	<i>PowerPlex® 16</i>					
3e				[15],16,[17],18	11,13	8
	[10,14],15			11,14	[9],11	[11],15,17
		28,30		X,[Y]	10,[11],13	[21],22,23
	8,[9],12	8,16		7,9	6,[9],10	16,[18]
2V24R2	<i>Identifiler® Plus</i>					
3e		17,[19],25		16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
2YMG26	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
34TXNX	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,(12)
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,(Y)	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,(18)

TABLE 2

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

Item 3e - STR Results

37H2G6	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,18	11,[12],13	8
	[10],[14],15			11,14	[9],11	15,17
	12,13	28,[29],30,[31]		X	10,[11],13	[21],22,23
				7,[8],9	6,[9],10	16,[18]
3JPWRU	<i>Identifiler® Plus, GlobalFiler™</i>					
3e	13,14,15.3,18	17,24,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	12,14,15	17,18.1,20	11,14	9,11	10.2,11,15,17
	12,12.2,13	28,29,30	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
3KGV7T	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
3KX2BA	<i>Identifiler® Plus, GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,9,10	16,18
3KY4UM	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
3WRMBD	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
3e	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3XPTY	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,[Y]	10,[11],13	21,22,23
			[14],19,[24.2],27.2	7,8,9	6,[8],[9],10	16,[18]
44TWJR	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
47CXGY	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

48QH8N	<i>PowerPlex® HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18
493A4B	<i>PowerPlex® 16</i>					
3e				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
4B9VRB	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
4FZ3AK	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
4KRE3V	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
4UX42Z	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
4YVM3X	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
6EPKTZ	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
6F227D	<i>Identifiler® Plus, GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18

TABLE 2

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

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6H8KB2	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
6HZKYY	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
6K8XMT	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18
6QB2DQ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	15,17
	12,12.2,13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
6RP7A4	<i>GlobalFiler™</i>					
3e	13,14	17,25	11,12	16,18	11,(12),13	8,8,(12)
	15,15	14,15	18.1,20	11,14	(9),11,11	15,17
	12,13	28,30,(31)	14,16	X,X	10,13	(21),22,23
			(14),19,27.2	7,(8),9	6,10	16,16
6VAFZG	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,30		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,10	16,18
72DJNU	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8
	15			11,14	[9],11	15,17
	12,13	28,[29],30		X	10,13	22,23
				7,9	6,10	16
7386LQ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
784PPB	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18



TABLE 2

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

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79BABP	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8
	15			11,14	9,11	15,17
	12,12.2,13	28,30		X	10,13	21,22,23
				7,8,9	6,9,10	16,18
79CYJT	<i>PowerPlex® 16 HS</i>					
3e				[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
		28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
	8,[9],12	8,[13],[15],16		7,[8],9	6,[8],[9],10	16,[18]
79RA8Z	<i>PowerPlex® Fusion</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
7AM7GU	<i>PowerPlex® Fusion 6C</i>					
3e	13,14,[18]	17,25	11,12,[14]	15,16,17,18	11,12,13	8,[12]
	[10],15	14,15	18.1,20	11,14	[9],11	15,17
	12,[12.2],13	28,29,30,[31]	14,16	X,[Y]	10,13	[21],22,23
	8,[9],12	8,[15],16	19,27.2	7,[8],9	6,[9],10	16,[18]
7BWXMP	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
7CBFRG	<i>GlobalFiler™</i>					
3e	13,14,(15.3),(18)	17,(19),25	11,12,(14)	(15),16,(17),18	11,(12),13	8,(12)
	(10),(14),15	14,15	(17),18.1,20	11,14	(9),11	(11),15,17
	12,(12.2),13	28,(29),30,(31)	14,16	X,(Y)	10,(11),13	(21),22,23
			(14),19,(24.2),27.2	7,(8),9	6,(8),(9),10	16,(18)
7K8CDX	<i>Identifiler® Plus, MiniFiler™</i>					
3e	NT	17,19,25	NT	15,16,17,18	11,12,13	8,12
	10,14,15	NT	NT	11,14	9,11	11,15,17
	12,12.2,13	28,30,31	NT	X,Y	10,11,13	21,22,23
	NT	NT	NT	7,8,9	6,8,9,10	16,18
7LJUJH	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
7Q9X9N	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,10	16,18

TABLE 2

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

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7VQQGZ	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,10	16,18
7WJKCJ	<i>PowerPlex® HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
7ZJXV3	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,[14]	15,16,17,18	11,12,13	8,8,[12]
	[10],[14],15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,[31]	14,16	X,X,[Y]	10,[11],13	21,22,23
			14,19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,16,[18]
82UV4D	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
87M2K2	<i>GlobalFiler™</i>					
3e	13,14,(15.3),(18)	17,(19),25	11,12,(14)	(15),16,(17),18	11,(12),13	8,8,(12)
	(10),15,15	14,15	(17),18.1,20	11,14	(9),11,11	(11),15,17
	12,(12.2),13	28,30,(31)	14,16	X,X,(Y)	10,(11),13	(21),22,23
			(14),19,(24.2),27.2	7,(8),9	6,(9),10	16,16,(18)
8C96C4	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
8CQZVQ	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	22,23
	8,9,12	8,13,16		7,8,9	6,8,10	16
8G2BQ7	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,12.2,13	28,[29],30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,[8],[9],10	16,[18]
8MC68W	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	15,17
	12,12.2,13	28,30,31		X	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

8RGZPB	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
8RHXXL	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,13	[21],22,23
				7,[8],9	6,[8],[9],10	16
8UAWD6	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,18	11,12,13	8
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
8VZXEM	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,10	16,18
8X7LRR	<i>PowerPlex® 16 HS</i>					
3e				16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,30		X	10,11,13	22,23
	8,9,12	8,13,16		7,8,9	6,8,10	16
92PVMB	<i>Identifiler®</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
9CLZBG	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
9GDC4R	<i>Identifiler® , MiniFiler™</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8
	[10],[14],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X	10,13	[21],22,23
				7,9	6,[8],[9],10	16
9P97MK	<i>PowerPlex® 21</i>					
3e	13,14,15.3,18	17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15		17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18

TABLE 2

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

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9QLZ3K	<i>PowerPlex® 21</i>					
3e	13,14,[15.3],[18]	17,[19],25		[15],16,[17],18	11,[12],13	8
	[10],[14],15		[17],18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30		X,Y	10,[11],13	[21],22,23
	8,[9],12	8,[13],[15],16		7,[8],9	6,[8],[9],10	16,[18]
A2H8EV	<i>Identifiler® Plus</i>					
3e		17,19,25		16,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,30,31		X,Y	10,13	22,23
				7,9	6,8,10	16,18
A48E4Y	<i>Identifiler®</i>					
3e		17,25		[15],16,[17],18	11,[12],13	8
	[14],15			11,14	[9],11	15,17
	12,13	28,30		X	10,13	[21],22,23
				7,[8],9	6,10	16
A4A7VE	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
A6MTDT	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
AAD4MR	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,[12]
	[10],14,15			11,14	9,11	[11],15,17
	12,12.2,13	28,29,30,31		X,[Y]	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,[18]
AKXCAZ	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
AL3CVT	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
ARW4C3	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,[12],13	8,8
	15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,30		X,X,[Y]	10,13	[21],22,23
				7,9	6,[8],[9],10	16,16,[18]

TABLE 2

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

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ATQUHG	PowerPlex® 16 HS					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,9,10	16,18
AXH4J3	PowerPlex® 21					
3e	13,14,[18]	17,[19],25		[15],16,[17],18	11,[12],13	8
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30		X,(Y)	10,13	[21],22,23
	8,[9],12	8,[15],16		7,[8],9	6,10	16
B3BKET	Identifiler® Plus					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
B6ZRYP	Identifiler® Plus					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,9	6,8,9,10	16,16
B792RM	PowerPlex® HS					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
B9FG3Y	Identifiler® Plus					
3e	NT	17,[19],25	NT	[15],16,[17],18	11,[12],13	8,8,[12]
	[10],[14],15,15	NT	NT	11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,30,[31]	NT	X,X,[Y]	10,[11],13	[21],22,23
	NT	NT	NT	7,[8],9	6,[8],[9],10	16,16,[18]
BD9J7Y	Identifiler® Plus					
3e	N/A	17,19,25	N/A	15,16,17,18	11,12,13	8,8,[12]
	[10],[14],15,15	N/A	N/A	11,14	[9],11,11	[11],15,17
	12,12.2,13	28,30	N/A	X,X,[Y]	10,13	21,22,23
	N/A	N/A	N/A	7,[8],9	6,[8],[9],10	16,16,[18]
BGT78Y	Identifiler® Plus					
3e		17,[19],25		[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,12.2,13	28,[29],30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,[8],[9],10	16,[18]
BJYN7V	Identifiler® Plus					
3e		17,25		16,17,18	11,12,13	8
	15			11,14	9,11	15,17
	12,13	28,30		X	10,13	21,22,23
				7,8,9	6,10	16

TABLE 2

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

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BVU347	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
BWNNWX	<i>PowerPlex® Fusion</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	16,[17],18	11,[12],13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,[Y]	10,[11],13	[21],22,23
	8,[9],12	8,[13],[15],16		7,[8],9	6,[8],10	16
C2CR37	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
C394ZU	<i>Identifiler® Plus</i>					
3e		17,25		[15],16,18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X	10,[11],13	[21],22,23
				7,[8],9	6,10	16
C4G63T	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,10	16,18
C73ABQ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
C8WV4G	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	15			11,14	9,11	15,17
		28,30		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18
CMCQQ6	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
CN9BBJ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]

TABLE 2

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

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CTXTPV	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30		X	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
CTZF4N	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,[12],13	8,8
	15,15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,30,[31]		X,X	10,13	22,23
				7,9	6,10	16,16
CTZKEQ	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
CV7Y9B	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12,[14]	[15],16,[17],18	11,[12],13	8
	[10],15	14,15	18.1,20	11,14	[9],11	15,17
	12,[12.2],13	28,[29],30	14,16	X	10,13	[21],22,23
	8,12	8,16	[14],19,27.2	7,[8],9	6,10	16,[18]
D4FNMA	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
D99RAL	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[9],10	16,[18]
D9P4VX	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
DAKNKH	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,18	11,12,13	8
	14,15			11,14	11	15,17
	12,12.2,13	28,30		X	10,13	21,22,23
				7,9	6,10	16
DALETL	<i>PowerPlex® 16 HS</i>					
3e				[15],16,[17],18	11,[12],13	8,8
	[10],[14],15			11,14	[9],11	[11],15,17
		28,[29],30		X,[Y]	10,[11],13	[21],22,23
	8,[9],12	8,[13],[15],16		7,[8],9	6,[8],[9],10	16,[18]

TABLE 2

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

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DC7DWH	SURE ID					
3e	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DDLWKL	Identifiler® Plus					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
DGGJGV	Identifiler®					
3e		17,25		16,[17],18	11,[12],13	8
	[14],15			11,14	11	15,17
	12,[12.2],13	28,30		X	10,13	22,23
				7,9	6,10	16
DHFLA7	PowerPlex® 16 HS					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
DK39YM	Identifiler® Plus					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
DLGP2T	Identifiler® Plus					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
DPDEFE	PowerPlex® 21					
3e	13,14,18	17,25		15,16,17,18	11,12,13	8
	15		17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,13	21,22,23
	8,9,12	8,16		7,9	6,10	16
DQAR6T	Identifiler® Plus					
3e		17,25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],[14],15,15			11,14	[9],11,11	15,17
	12,[12.2],13	28,[29],30,[31]		X,X	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
DTX7U3	PowerPlex® 16					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18



TABLE 2

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

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DWYAGJ	<i>Identifiler® Plus</i>					
3e		17,19,25		16,17,18	11,12,13	8
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30		X	10,13	21,22,23
				7,8,9	6,8,9,10	16
E2726M	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
E273AT	<i>Identifiler®</i>					
3e		17,25		[15],16,[17],18	11,[12],13	8
	[10],[14],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X	10,13	21,22,23
				7,[8],9	6,[8],[9],10	16,[18]
E2M9DP	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
E4AV4R	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
E7Y9JP	<i>Identifiler® and Identifiler Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
E8BXQ9	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
E98E46	<i>PowerPlex® 16</i>					
3e				16 <sup>^</sup> ,18 <sup>^</sup>	11 <sup>^</sup> ,[12],13 <sup>^</sup>	8
	15			11,14 <sup>^</sup>	[9],11	15 <sup>^</sup> ,17 <sup>^</sup>
		28 <sup>^</sup> ,30 <sup>^</sup>		X	10 <sup>^</sup> ,13 <sup>^</sup>	[21],22,23
	8,12	8,16 <sup>^</sup>		7,9 <sup>^</sup>	6,[8],[9],10	16
ELE8TW	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15	14,15	18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,[Y]	10,[11],13	[21],22,23
			[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,[18]

TABLE 2

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

Item 3e - STR Results

ELW7WL	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,8,9,10	16,[18]
EN3UAQ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,18	11,[12],13	8,[12]
	15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30		X	10,[11],13	[21],22,23
				7,[8],9	6,[9],10	16
EPT3BE	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
EQPFZT	<i>Identifiler® Plus</i>					
3e	Not typed	17,19,25	Not typed	15,16,17,18	11,12,13	8,12
	10,14,15	Not typed	Not typed	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	Not typed	X,Y	10,11,13	21,22,23
	Not typed	Not typed	Not typed	7,8,9	6,8,9,10	16,18
EVGH7D	<i>PowerPlex® 21</i>					
3e	13,14,[15.3],[18]	17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15		[17],18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
	8,[9],12	8,16		7,[8],9	6,[8],[9],10	16,[18]
EVHA2Z	<i>PowerPlex® 16</i>					
3e				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
EZQXF2	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
F2J7ZQ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10,14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X	10,[11],13	22,23
				7,[8],9	6,[8],10	16
FH89XU	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,[12],13	8,8
	[10,15],15	14,15	[17],18.1,20	11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,X,[Y]	10,[11],13	[21],22,23
			[14],19,[24.2],27.2	7,[8],9	6,[9],10	16,16,[18]

TABLE 2

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

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FXKU36	<i>Identifiler® , MiniFiler™</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
FXY7YP	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
G2GNRU	<i>PowerPlex® Fusion</i>					
3e	13,14	17,19,25	11,12	15,16,17,18	11,12,13	8,12
	10,15	14,15	18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30	14,16	X	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,10	16,18
G2V8HJ	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,18	11,[12],13	8
	15	14,15	18.1,20	11,14	[9],11	15,17
	12,13	28,30	14,16	X	10,13	[21],22,23
	8,12	8,16	19,27.2	7,[8],9	6,10	16
GACN7L	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
GBLTKB	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	15,17
		28,30,31		X,Y	10,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
GDQG47	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
GDRFYZ	<i>PowerPlex® 16</i>					
3e				[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	9,11	[11],15,17
		28,30		X,[Y]	10,[11],13	21,22,23
	8,[9],12	8,[13],[15],16		7,[8],9	6,[8],[9],10	16
GF24YZ	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]

TABLE 2

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

Item 3e - STR Results

GFZB2R	GlobalFiler™					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,18	11,[12],13	8,8,[12]
	[10],[14],15,15	14,15	[17],18.1,20	11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,30,[31]	14,16	X,X,[Y]	10,[11],13	[21],22,23
			[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,16,[18]
GHMZ8Q	Identifiler® Plus					
3e		17,[19],25		15,16,[17],18	11,12,13	8
	[10],[14],15			11,14	[9],11	[11],15,17
	12,12.2,13	28,[29],30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,[8],[9],10	16,[18]
GPMKAL	Identifiler® Plus					
3e		17,19,25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,Y	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
GVPJYP	Identifiler® Plus					
3e		17,(19),25		(15),16,(17),18	11,(12),13	8,8,(12)
	(10),(14),15,15			11,14	(9),11,11	(11),15,17
	12,(12.2),13	28,(29),30,(31)		X,X,(Y)	10,(11),13	(21),22,23
				7,(8),9	6,(8),(9),10	16,16,(18)
HCVZM4	Identifiler® Plus					
3e		17,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	15,17
	12,12.2,13	28,29,30,31		X	10,11,13	21,22,23
				7,8,9	6,8,9,10	16
HEF8NC	GlobalFiler™					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
HF9ZHA	PowerPlex® 16 HS					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18
HHY4C2	PowerPlex® 16					
3e				15^,16,17^,18	11^,12^,13^	8,12^
	14^,15			11,14	9^,11	15^,17^
		28,30		X,Y^	10^,13^	21,22,23
	8,9^,12	8,16^		7,8^,9	6,9^,10	16,18^
HQVU2J	Identifiler® Plus					
3e		17,[19],25		15,16,17,18	11,12,13	8,[12]
	[10],[14],15			11,14	9,11	[11],15,17
	12,12.2,13	28,29,30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,8,9,10	16,[18]

TABLE 2

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

Item 3e - STR Results

HQWUXC	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
HRQFQ4	<i>Identifiler®, MiniFiler™, SGM Plus®</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
HTYMGV	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
J4XPUJ	<i>GlobalFiler™</i>					
3e	13,14,15.3	17,19,25	11,12,14	16,18	11,12,13	8,12
	10,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,30,31	14,16	X,Y	10,13	22,23
			14,19,27.2	7,8,9	6,9,10	16
J9U9X4	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
JC8BHD	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
JHXNGG	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,17,18	11,[12],13	8
	15	14,15	18.1,20	11,14	[9],11	[11],15,17
	12,13	28,30	14,16	X	10,13	21,22,23
	8,12	8,16	19,27.2	7,9	6,10	16
JKLZGL	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
JQP7RH	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8
	[10],15,15			11,14	[9],11,11	15,17
	12,13	28,[29],30		X,X	10,[11],13	[21],22,23
				7,[8],9	6,[8],10	16,16

TABLE 2

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

Item 3e - STR Results

JX9AYK	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
JXA6LX	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
3e	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
JXP9CH	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
K7F99M	<i>Identifiler® Plus</i>					
3e		17,(19),25		(15),16,(17),18	11,(12),13	8,8,(12)
	(10),(14),15,15			11,14	(9),11,11	(11),15,17
	12,(12.2),13	28,(29),30,(31)		X,X,(Y)	10,(11),13	(21),22,23
				7,(8),9	6,(8),(9),10	16,16,(18)
K8BU2D	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
KAFD4F	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,[17],18	11,12,13	8
	15	14,15	18.1,20	11,14	[9],11	15,17
	12,13	28,[29],30	14,16	X,[Y]	10,13	[21],22,23
	8,12	8,[15],16	19,27.2	7,9	6,10	16,[18]
KEBBCJ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
KF6W6A	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	15,17
		28,30		X	10,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
KGHQKB	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 3e - STR Results

KJ8VF3 3e	<i>Identifiler® Plus</i>					
		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
			7,9	6,10	16	
KKDF43 3e	<i>GlobalFiler™</i>					
	13,14,[15.3]	17,[19],25	11,12,[14]	[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	15,17
	12,[12.2],13	28,[29],30	14,16	X,[Y]	10,[11],13	21,22,23
		[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,[18]	
KM3TLL 3e	<i>PowerPlex® Fusion 5C</i>					
	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20		9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
KT7XCJ 3e	<i>Identifiler® Plus</i>					
		17,19,25		15,16,17,18	11,12,13	8,8
	15,15			11,14	11,11	15,17
	12,12.2,13	28,29,30,31		X,X	10,13	21,22,23
			7,9	6,9,10	16,16	
KU6VT8 3e	<i>PowerPlex® 16 HS</i>					
				16,17,18	11,12,13	8
	10,15			11,14	9,11	15,17
		28,30,31		X,Y	10,13	21,22,23
	8,9,12	8,16		7,8,9	6,10	16,18
KVZEYE 3e	<i>Identifiler® Plus</i>					
		17,[19],25		16,[17],18	11,[12],13	8,8,[12]
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
			7,[8],9	6,[8],10	16,16	
L3CYBP 3e	<i>Identifiler® Plus</i>					
		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
			7,8,9	6,8,9,10	16,18	
L7C7VM 3e	<i>PowerPlex® Fusion</i>					
	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,[12],13	8,[12]
	[10],15	14,15	[17],18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,Y	10,[11],13	[21],22,23
	8,[9],12	8,[13],16		7,[8],9	6,[8],10	16,[18]
L9HJNM 3e	<i>PowerPlex® Fusion</i>					
	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15	14,15	18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,[Y]	10,13	[21],22,23
	8,[9],12	8,[13],[15],16		7,9	6,[8],10	16,[18]

TABLE 2

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

Item 3e - STR Results

LCHVG2	<i>PowerPlex® Fusion 6C</i>					
3e	13,14,15.3,[18]	17,[19],25	11,12,[14]	15,16,17,18	11,12,13	8,[12]
	[10],15	14,15	[17],18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,[31]	14,16	X,Y	10,[11],13	21,22,23
	8,9,12	8,[15],16	[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,[18]
LDTLLC	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	[11],15,17
	12,12.2,13	28,[29],30,[31]	14,16	X,[Y]	10,[11],13	21,22,23
			[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,[18]
LEPBDT	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,[8],[9],10	16,[18]
LGZVY3	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
LH4R44	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	11,15,17
	12,12.2,13	28,[29],30,[31]	14,16	X,[Y]	10,11,13	21,22,23
			[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,[18]
LND43P	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
LPBEZD	<i>PowerPlex® HS</i>					
3e				[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
		28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
	8,[9],12	8,[13],[15],16		7,[8],9	6,[9],10	16,[18]
LQ48VW	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
LRVD3A	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18



TABLE 2

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

Item 3e - STR Results

LTM76K	<i>Identifiler®</i>					
3e		17,(19),25		(15),16,(17),18	11,(12),13	8,8,(12)
	(10),(14),15,15			11,14	(9),11,11	(11),15,17
	12,(12.2),13	28,(29),30,(31)		X,X,(Y)	10,(11),13	(21),22,23
				7,(8),9	6,(8),(9),10	16,16,(18)
LVUMHH	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,12,13	8
	15			11,14	9,11	15,17
	12,13	28,30		X	10,13	22,23
				7,8,9	6,10	16
M2FUJM	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
M6DKJ8	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
M9ZZCN	<i>Identifiler® Plus</i>					
3e	n/t	17,[19],25	n/t	[15],16,[17],18	11,12,13	8,8,[12]
	[10],[14],15,15	n/t	n/t	11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,30,[31]	n/t	X,X,[Y]	10,[11],13	21,22,23
	n/t	n/t	n/t	7,[8],9	6,[8],[9],10	16,16,[18]
MBP46V	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
3e	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
MGT8VU	<i>Identifiler® Plus, PowerPlex® Fusion system</i>					
3e	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
MMY2RB	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8
	[14],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
MNTMK2	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

MPJTZR	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
MYC2PP	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
N3ME2W	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18
N6WJJQ	<i>PowerPlex® 16</i>					
3e				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
N8MHWP	<i>Identifiler® Plus, GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	20,21,22,23
	NT	NT	14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
NDM77G	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,16
NJTVTF	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,18	11,[12],13	8,[12]
	10,14,15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,30,[31]		X,[Y]	10,13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
NJVKVR	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,[12],13	8,8,[12]
	[10],[14],15,15	14,15	[17],18.1,20	11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,X,[X],[Y]	10,[11],13	[21],22,23
			[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,16,[18]
NK6HL3	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

NQC4AZ	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
NY9WNL	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
NYMA4H	<i>PowerPlex® Fusion 5C</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
NYRPH4	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,13	21,22,23
	8,9,12	8,15,16		7,8,9	6,8,9,10	16,18
P6RLZ	<i>PowerPlex® 21</i>					
3e	13,14,15.3,18	17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15		17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
PC7C67	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[9],10	16
PKXUE9	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,[Y]	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
PPYY9G	<i>Identifiler® Plus</i>					
3e		17,(19),25		(15),16,(17),18	11,(12),13	8,(12)
	(10),15			11,14	(9),11	(11),15,17
	12,(12.2),13	28,(29),30,(31)		X,(Y)	10,(11),13	(21),22,23
				7,(8),9	6,(8),(9),10	16,(18)
PV4PHE	<i>Identifiler® Plus</i>					
3e		17,19,25		16,18	11,12,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

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Q6768J	<i>Identifiler® Plus</i>					
3e		17,25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
Q8A62N	<i>Identifiler® Plus, MiniFiler™</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],10	16,[18]
Q8CU4Z	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8
	14,15			11,14	9,11	15,17
		28,30		X	10,13	21,22,23
	8,9,12	8,16		7,8,9	6,8,9,10	16
Q93YW8	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Q97MYJ	<i>GlobalFiler™</i>					
3e	13,14	17,25	11,12	(15),16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
Q9GRK6	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
QECCHC	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,12,13	8
	15			11,14	9,11	15,17
	12,13	28,30		X	10,13	22,23
				7,8,9	6,10	16
QF67H2	<i>PowerPlex® 21</i>					
3e	13,14,18	17,25		15,16,17,18	11,12,13	8,12
	10,15		17,18.1,20	11,14	9,11	15,17
	12,12.2,13	28,29,30,31		X,Y	10,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16
QJLDZA	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 3e - STR Results

QM6HFJ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
QNG3M9	<i>Identifiler® Plus</i>					
3e		17,[19],25		15,16,17,18	11,12,13	8,[12]
	[10],14,15			11,14	9,11	[11],15,17
	12,12.2,13	28,29,30,[31]		X,[Y]	10,[11],13	21,22,23
				7,8,9	6,[8],9,10	16,[18]
QTA4NM	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
QZCDTU	<i>Identifiler® Plus</i>					
3e	N/A	17,19,25	N/A	15,16,17,18	11,12,13	8,12
	10,15	N/A	N/A	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	N/A	X,Y	10,11,13	21,22,23
	N/A	N/A	N/A	7,8,9	6,8,9,10	16,18
R47RXV	<i>PowerPlex® Fusion 6C</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	15,16,17,18	11,12,13	8,[12]
	[10],14,15	14,15	[17],18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,[31]	14,16	X,Y	10,[11],13	21,22,23
	8,[9],12	8,[13],[15],16	[14],19,[24.2],27.2	7,[8],9	6,[8],[9],10	16,[18]
RDTR8D	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8
	15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30		X	10,13	[21],22,23
				7,[8],9	6,10	16,[18]
RFKMEF	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16
RFYBAF	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
RGXFQA	<i>PowerPlex® Fusion 6C</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,14	15,16,17,18	11,12,13	8,[12]
	[10],15	14,15	[17],18.1,20	11,14	9,11	[11],15,17
	12,12.2,13	28,29,30,[31]	14,16	X,[Y]	10,13	21,22,23
	8,9,12	8,[13],15,16	[14],19,[24.2],27.2	7,8,9	6,[8],[9],10	16,[18]

TABLE 2

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

Item 3e - STR Results

RJ32HF	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,13	8,[12]
	[10],[14],15			11,14	[9],11	15,17
	12,13	28,30,[31]		X	10,13	22,23
				7,9	6,10	16
RLA4Q7	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
RPNY84	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
RUY28D	<i>Identifiler® +</i>					
3e		17,25		16,17,18	11,12,13	8,8
	15,15			11,14	11,11	15,17
	12,12.2,13	28,30		X,X	10,13	21,22,23
				7,9	6,9,10	16,16
RVVERK	<i>Identifiler® Plus</i>					
3e		17,25		[15],16,18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
RVXZN2	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
RWBKGB	<i>GlobalFiler™</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,14	[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	15,17,[-]
	12,12.2,13	28,30,31,--	14,16	X,[Y]	10,13,[-]	21,22,23
			[14],19,[24.2],27.2	7,8,9	6,10,--	16,[18]
RX3PQA	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,[17],18	11,[12],13	8,8
	15,15	14,15	[17],18.1,20	11,14	[9],11,11	15,17
	12,[12.2],13	28,[29],30	14,16	X,X	10,[11],13	[21],22,23
	8,[9],12	8,[15],16	19,[24.2],27.2	7,[8],9	6,[9],10	16,16,[18]
RYB39B	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

T9X6AJ	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
TBJ3LF	<i>PowerPlex® Fusion</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
TBJ68E	<i>Identifiler® Plus</i>					
3e		17,[19],[25]		[15],16,[17],18	11,12,[13]	8,[12]
	[10],[14],15			11,[14]	[9],11	[11],[15],17
	12,12.2,13	28,[29],30,[31]		X,[Y]	10,[11],[13]	21,[22],23
				7,[8],9	6,[8],[9],10	16,[18]
TD8EJZ	<i>Identifiler®</i>					
3e		17,25		(15),16,(17),18	11,(12),13	8,(12)
	(10),(14),15			11,14	(9),11	(11),15,17
	12,(12.2),13	28,(29),30,(31)		X,(Y)	10,(11),13	(21),22,23
				7,(8),9	6,(8),(9),10	16,(18)
TGRJYB	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
TH9FPP	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
TN8BZ9	<i>GlobalFiler™</i>					
3e	13,14	17,25	11,12	16,[17],18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,[12.2],13	28,30	14,16	X	10,13	[21],22,23
			19,27.2	7,9	6,10	16
TP4KBD	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30		X,Y	10,13	21,22,23
				7,8,9	6,8,9,10	16,18
TTKP99	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,16

TABLE 2

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

Item 3e - STR Results

TV9EDL	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
U8GLK7	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
U9RB74	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
UBHMNA	<i>GlobalFiler™</i>					
3e	13,14	17,19,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,12.2,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
UCT8XJ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,18	11,13	8,[12]
	15			11,14	[9],11	15,17
	12,[12.2],13	28,30		X,[Y]	10,13	[21],22,23
				7,9	6,[8],[9],10	16,[18]
UXD4FV	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,14,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
UXE4BN	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16
V69T8J	<i>Identifiler® Plus</i>					
3e	NA	17,[19],25	NA	[15],16,18	11,[12],13	8
	[10],[14],15	NA	NA	11,14	[9],11	[11],15,17
	12,13	28,30	NA	X,[Y]	10,[11],13	[21],22,23
	NA	NA	NA	7,[8],9	6,[8],[9],10	16,[18]
VA2NBC	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],10	16



TABLE 2

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

Item 3e - STR Results

VET3R7	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,[17],18	11,[12],13	8,8,[12]
	[10],15,15	14,15	18.1,20	11,14	11,11	[11],15,17
	12,[12.2],13	28,30	14,16	X,X	10,13	[21],22,23
	8,[9],12	8,[13],[15],16	19,27.2	7,[8],9	6,[8],10	16,16
VLUAD2	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8
	10,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
VMRKBP	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
VUCKQ2	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],10	16,16,[18]
VUR4BY	<i>Identifiler® Plus</i>					
3e		17,[19],25		15,16,17,18	11,12,13	8,[12]
	[10],15			11,14	9,11	15,17
	12,12.2,13	28,29,30,[31]		X,[Y]	10,[11],13	21,22,23
				7,8,9	6,[8],[9],10	16,[18]
VYGJY7	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,[8],9	6,10	16
W9NFLN	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
WERPLP	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
WRY9NQ	<i>GlobalFiler™</i>					
3e	13,14,15.3	17,25	11,12,14	15,16,17,18	11,12,13	8
	10,14,15	14,15	18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18

TABLE 2

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

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X3TBYX	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
X498TH	<i>GlobalFiler™</i>					
3e	13,14,15.3,18	17,19,25	11,12,14	15,16,17,18	11,12,13	8,12
	10,15	14,15	17,18.1,20	11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31	14,16	X,Y	10,11,13	21,22,23
			14,19,24.2,27.2	7,8,9	6,8,9,10	16,18
X6GPM8	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],[14],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16
XBME9L	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
XC7Z7H	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
		28,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,16		7,8,9	6,8,9,10	16,18
XDCRMX	<i>PowerPlex® Fusion</i>					
3e	13,14,[15.3],[18]	17,[19],25	11,12,[14]	[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15	14,15	[17],18.1,20	11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]	14,16	X,[Y]	10,13	[21],22,23
	8,[9],12	8,[15],16		7,[8],9	6,[8],[9],10	16,[18]
XH8F9C	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
XNTCB2	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
XP8QMG	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	15			11,14	9,11	15,17
		28,29,30,31		X,Y	10,13	21,22,23
	8,9,12	8,16		7,8,9	6,8,9,10	16,18

TABLE 2

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

Item 3e - STR Results

XT4HQ8	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,9	6,[8],[9],10	16,[18]
XTPVFK	<i>PowerPlex® 16</i>					
3e				16,18	11,[12],13	8,[12]
	15			11,14	[9],11	[15],17 ^
		28,30		X,[Y]	10,13	[21],22,23
	8,[9],12	8,16 ^		7,9	6,[8],10	16,[18]
XVX7A3	<i>PowerPlex® FUSION 6C</i>					
3e	13,14	17,25	11,12	16,[17],18	11,12,13	8
	[10],15	14,15	18.1,20	11,14	[9],11	15,17
	12,13	28,[29],30	14,16	X	10,13	[21],22,23
	8,[9],12	8,16	19,27.2	7,9	6,[9],10	16
Y2GV8H	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Y6V986	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,12,13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,12.2,13	28,[29],30,[31]		X,[Y]	10,[11],13	21,22,23
				7,[8],9	6,[8],[9],10	16,[18]
YACQ9M	<i>PowerPlex® 16 HS</i>					
3e				15,16,17,18	11,12,13	8
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,10	16,18
YKV6EA	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,9	6,[8],[9],10	16,[18]
YL2RM9	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
YMX7CL	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]

TABLE 2

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

Item 3e - STR Results

YMZVGJ	<i>Identifiler®</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
YVAZUA	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10,14],15			11,14	[9],11	15,17
	12,13	28,[29],30		X	10,[11],13	[21],22,23
				7,[8],9	6,10	16
YW7HR6	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8
	10,14,15			11,14	9,11	15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
YXERGG	<i>Identifiler® Plus</i>					
3e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
YZJKBE	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,18	11,12,13	8
	14,15			11,14	9,11	11,15,17
	12,12.2,13	28,30		X,Y	10,13	21,22,23
				7,8,9	6,8,9,10	16,18
Z3QXV2	<i>PowerPlex® Fusion 6C</i>					
3e	13,14	17,25	11,12	16,18	11,12,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,[8],9	6,10	16
Z44MZZ	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],15			11,14	[9],11	15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
Z4LHKM	<i>PowerPlex® 16</i>					
3e				15,16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
Z7PK4W	<i>PowerPlex® Fusion</i>					
3e	13,14,(15.3),(18)	17,(19),25	11,12,(14)	(15),16,(17),18	11,(12),13	8,(12)
	(10),(14),15,15	14,15	(17),18.1,20	11,14	(9),11,11	(11),15,17
	12,(12.2),13	28,(29),30,(31)	14,16	X,(Y)	10,(11),13	(21),22,23
	8,(9),12	8,(13),(15),16	NT	7,(8),9	6,(8),(9),10	16,16,(18)

TABLE 2

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

Item 3e - STR Results

ZCV8Z7	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],[14],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]
ZEHTQ9	<i>GlobalFiler™</i>					
3e	13,14,(15.3),(18)	17,(19),25	11,12,(14)	16,18	11,(12),13	8,8,(12)
	(10),15,15	14,15	(17),18.1,20	11,14	(9),11,11	15,17
	12,(12.2),13	28,(29),30,(31)	14,16	X,X,(Y)	10,(11),13	(21),22,23
			(14),19,27.2	7,(8),9	6,(9),10	16,16
ZEZVJ3	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
ZFBFN7	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,18	11,[12],13	8,8,[12]
	[10],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X	10,[11],13	[21],22,23
				7,[8],9	6,[9],10	16,16
ZHHVYH	<i>Identifiler® Plus</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,[12]
	[10],[14],15			11,14	[9],11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,[Y]	10,[11],13	[21],22,23
				7,[8],9	6,[8],[9],10	16,[18]
ZJF7UK	<i>PowerPlex® 16 HS</i>					
3e				16,17,18	11,12,13	8,12
	10,15			11,14	9,11	11,15,17
		28,29,30,31		X,Y	10,11,13	21,22,23
	8,9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
ZN4WU2	<i>Identifiler®</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
ZPGPN4	<i>Identifiler® Plus</i>					
3e		17,19,25		15,16,17,18	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,11,13	21,22,23
				7,8,9	6,8,9,10	16,18
ZQC3F3	<i>Identifiler® Plus</i>					
3e		17,25		15,16,17,18	11,12,13	8,[12]
	[10],14,15			11,14	9,11	11,15,17
	12,12.2,13	28,29,30,31		X,Y	10,[11],13	21,22,23
				7,8,9	6,8,9,10	16,[18]

TABLE 2

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

Item 3e - STR Results

ZR2GVZ	<i>PowerPlex® Fusion</i>					
3e	13,14,(15.3),18	17,(19),25	11,12,(14)	(15),16,(17),18	11,(12),13	8,(12)
	(10),(14),15	14,15	(17),18.1,20	11,14	(9),11	(11),15,17
	12,(12.2),13	28,(29),30,(31)	14,16	X,(Y)	10,13	(21),22,23
	8,(9),12	8,(15),16		7,(8),9	6,(8),(9),10	16,(18)
ZXCKQ9	<i>Identifiler®</i>					
3e		17,[19],25		[15],16,[17],18	11,[12],13	8,8,[12]
	[10],[14],15,15			11,14	[9],11,11	[11],15,17
	12,[12.2],13	28,[29],30,[31]		X,X,[Y]	10,13	[21],22,23
				7,[8],9	6,[8],[9],10	16,16,[18]

TABLE 2

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

Item 3EF - STR Results

AYR92W	<i>Identifiler® Plus</i>					
3EF		17,25		15,16,17,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 3SF - STR Results

AYR92W	<i>Identifiler® Plus</i>					
3SF		17,19		15,16,17	11,12,13	8,12
	10,14,15			11,14	9,11	11,15,17
	12.2	29,30,31		X,Y	10,11	21,22
				7,8,9	6,8,9,10	16,18



TABLE 2

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

Item 3sp - STR Results

22QJG9	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
24GGFZ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
27M4RJ	<i>PowerPlex® 16 hs</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
2CNHBY	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
2KJ6HY	<i>PowerPlex® 16</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,*	13,15		7,8	8,9	16,18
2MRDRJ	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
2V24R2	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
2YMG26	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
34TXNX	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

37H2G6	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
3JPWRU	<i>Identifiler® Plus, GlobalFiler™</i>					
3sp	15.3,[17],18	17,19	11,14	15,[16],17,[18]	12	8,12
	10,14,[15]	14,15	17,20	11	9	11,17
	12.2	[28],29,[30],31	16	X,Y	10,11	21
			14,[24],24.2	7,8,[9]	[6],8,9	16,18
3KGV7T	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
3KX2BA	<i>Identifiler® Plus, GlobalFiler™</i>					
3sp	15.3,[17],18	17,19	11,[12],14	15,[16],17,[18]	12	8,[11],12
	10,14,[15]	14,15	17,20	11	9,[11]	11,[15],17
	[12],12.2,[13]	[28],29,[30],31	16	X,Y	10,11	21,[22],[23]
			14,[19],24.2,[27.2]	7,8,[9]	8,9,[10]	16,18
3KY4UM	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
3WRMBD	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
3XPTY	<i>GlobalFiler™</i>					
3sp	15.3,18,[-]	17,19,[-]	11,14,[-]	15,17,[-]	12,[13],[-]	8,12
	10,14,[15]	14,15	17,20,[-]	11,[-]	9,[-]	11,17,[-]
	12.2,[-]	29,[30],31,[-]	16,[-]	X,Y	10,11,[-]	21,[22],[-]
			14,24.2,[-]	7,8,[-]	8,9,[-]	16,18
44TWJR	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
47CXGY	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

48QH8N	<i>PowerPlex® HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
493A4B	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
4B9VRB	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
4FZ3AK	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
4KRE3V	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
4UX42Z	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
4YVM3X	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
6EPKTZ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
6F227D	<i>Identifiler® Plus, GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

6H8KB2	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
6HZKYY	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	*,9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
6K8XMT	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
6QB2DQ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
6RP7A4	<i>GlobalFiler™</i>					
3sp	15.3,(17),18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
6VAFZG	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
72DJNU	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
7386LQ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
784PPB	<i>PowerPlex® 16</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

79BABP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
79CYJT	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
79RA8Z	<i>PowerPlex® Fusion</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
7AM7GU	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
7BWXMP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
7CBFRG	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
7K8CDX	<i>Identifiler® Plus, MiniFiler™</i>					
3sp	NT	17,19	NT	15,17	12,12	8,12
	10,14	NT	NT	11,11	9,9	11,17
	12.2,12.2	29,31	NT	X,Y	10,11	21,21
	NT	NT	NT	7,8	8,9	16,18
7LJUJH	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
7Q9X9N	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

7VQQGZ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
7WJKCJ	<i>PowerPlex® HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
7ZJXV3	<i>GlobalFiler™</i>					
3sp	15.3,[17],18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
82UV4D	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9,[11]	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
87M2K2	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
8C96C4	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
8CQZVQ	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
8G2BQ7	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
8MC68W	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

8RGZPB	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
8RHXXL	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
8UAWD6	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
8VZXEM	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
8X7LRR	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
92PVMB	<i>Identifiler®</i>					
3sp		17,19		15,[16],17	[11],12	8,12
	10,14,[15]			11,[14]	9,[11]	11,17
	12.2	29,[30],31		X,Y	10,11	21
				7,8,[9]	8,9,[10]	16,18
9CLZBG	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
9GDC4R	<i>Identifiler® , MiniFiler™</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
9P97MK	<i>PowerPlex® 21</i>					
3sp	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

9QLZ3K	<i>PowerPlex® 21</i>					
3sp	15,3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
A2H8EV	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,11	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
A48E4Y	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
A4A7VE	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
A6MTDT	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
AAD4MR	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
AKXCAZ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
AL3CVT	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
ARW4C3	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18



TABLE 2

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

Item 3sp - STR Results

ATQUHG	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
AXH4J3	<i>PowerPlex® 21</i>					
3sp	15,3,18	17,19		15,17	12	8,12
	10,14			11	9	11,17
	12,2	29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
B3BKET	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12,2,12,2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
B6ZRYP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12,2,12,2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
B792RM	<i>PowerPlex® HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
B9FG3Y	<i>Identifiler® Plus</i>					
3sp	NT	17,19	NT	15,17	12,12	8,12
	10,14	NT	NT	11,11	9,9	11,17
	12,2,12,2	29,31	NT	X,Y	10,11	21,21
	NT	NT	NT	7,8	8,9	16,18
BD9J7Y	<i>Identifiler® Plus</i>					
3sp	N/A	17,19	N/A	15,17	12,12	8,12
	10,14	N/A	N/A	11,11	9,9	11,17
	12,2,12,2	29,31	N/A	X,Y	10,11	21,21
	N/A	N/A	N/A	7,8	8,9	16,18
BGT78Y	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12,2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
BJYN7V	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12,2,12,2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

BVU347	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
BWNNWX	<i>PowerPlex® Fusion</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,[18.1],20	11	9	11,[15],17
	12.2	29,31	16	X,Y	10,[11]	21
	9,[12]	[8],13,15		7,8	8,9	16,18
C2CR37	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
C394ZU	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
C4G63T	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
C73ABQ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
C8WW4G	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
CMCQQ6	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
CN9BBJ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

CTXTPV	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
CTZF4N	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,[13]	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
CTZKEQ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
CV7Y9B	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,INC,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
D4FNMA	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
D99RAL	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
D9P4VX	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DAKNKH	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DALETL	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

DC7DWH	<i>SURE ID</i>					
3sp	15,3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DDLWKL	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
DGGJGV	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DHFLA7	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DK39YM	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
DLGP2T	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
DPDEFE	<i>PowerPlex® 21</i>					
3sp	15,3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
DQAR6T	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
DTX7U3	<i>PowerPlex® 16</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

DWYAGJ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E2726M	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
E273AT	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E2M9DP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E4AV4R	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
E7Y9JP	<i>Identifiler® and Identifiler Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
E8BXQ9	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
E98E46	<i>PowerPlex® 16</i>					
3sp				15 <sup>^</sup> ,17 <sup>^</sup>	12	8,12
	10,14			11	9	11 <sup>^</sup> ,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
ELE8TW	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

ELW7WL	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
EN3UAQ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
EPT3BE	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
EQPFZT	<i>Identifiler® Plus</i>					
3sp	Not typed	17,19	Not typed	15,17	12,12	8,12
	10,14	Not typed	Not typed	11,11	9,9	11,17
	12.2,12.2	29,31	Not typed	X,Y	10,11	21,21
	Not typed	Not typed	Not typed	7,8	8,9	16,18
EVGH7D	<i>PowerPlex® 21</i>					
3sp	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
EVHA2Z	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
EZQXF2	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
F2J7ZQ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
FH89XU	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

FXKU36	<i>Identifiler® , MiniFiler™</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
FXY7YP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
G2GNRU	<i>PowerPlex® Fusion</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
G2V8HJ	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
GACN7L	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
GBLTKB	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
GDQG47	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
GDRFYZ	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
GF24YZ	<i>Identifiler®</i>					
3sp		17,19		15,17	[11],12	8,12
	10,14,[15]			11	9,[11]	11,17
	12.2	29,[30],31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

GFZB2R	<i>GlobalFiler™</i>					
3sp	15.3,[17],18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
GHMZ8Q	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
GPMKAL	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
GVPJYP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
HCVZM4	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
HEF8NC	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
HF9ZHA	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
HHY4C2	<i>PowerPlex® 16</i>					
3sp				15 <sup>^</sup> ,17 <sup>^</sup>	12 <sup>^</sup>	8 <sup>^</sup> ,12 <sup>^</sup>
	10 <sup>^</sup> ,14 <sup>^</sup>			11	9	11 <sup>^</sup> ,17 <sup>^</sup>
		29 <sup>^</sup> ,31 <sup>^</sup>		X,Y	10 <sup>^</sup> ,11 <sup>^</sup>	21
	9	13 <sup>^</sup> ,15 <sup>^</sup>		7,8	8,9	16 <sup>^</sup> ,18 <sup>^</sup>
HQVU2J	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18



TABLE 2

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

Item 3sp - STR Results

HQWUXC	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
HRQFQ4	<i>Identifiler®, MiniFiler™, SGM Plus®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
HTYMGV	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
J4XPUJ	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
J9U9X4	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JC8BHD	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JHXNGG	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,INC,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
JKLZGL	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JQP7RH	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

JX9AYK	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
JXA6LX	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
JXP9CH	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
K7F99M	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
K8BU2D	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
KAFD4F	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,INC,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
KEBBCJ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
KF6W6A	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
KGHQKB	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

KJ8VF3	<i>Identifiler® Plus</i>						
	3sp		17,19		15,17	12	8,12
		10,14			11	9	11,17
		12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18	
KKDF43	<i>GlobalFiler™</i>						
	3sp	15.3,18	17,19	11,14	15,[16],17	12	8,12
		10,14	14,15	17,20	11	9	11,17
		12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18	
KM3TLL	<i>PowerPlex® Fusion 5C</i>						
	3sp	15.3,18	17,19	11,14	15,17	12	8,12
		10,14	14,15	17,20	11	9	11,17
		12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18	
KT7XCJ	<i>Identifiler® Plus</i>						
	3sp		17,19		15,17	12,12	8,12
		10,14			11,11	9,9	11,17
		12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18	
KU6VT8	<i>PowerPlex® 16 HS</i>						
	3sp				15,17	12	8,12
		10,14			11	9	11,17
			29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18	
KVZEYE	<i>Identifiler® Plus</i>						
	3sp		17,19		15,17	12,12	8,12
		10,14			11,11	9,9	11,17
		12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18	
L3CYBP	<i>Identifiler® Plus</i>						
	3sp		17,19,[25]		15,17	12	8,12
		10,14			11	9,[11]	11,17
		12.2	29,31		X,Y	10,11	21
				7,8	[6],8,9	16,18	
L7C7VM	<i>PowerPlex® Fusion</i>						
	3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
		10,14	14,15	17,20	11,11	9,9	11,17
		12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18	
L9HJNM	<i>PowerPlex® Fusion</i>						
	3sp	[13],15.3,18	17,19	11,14	15,17	12	8,12
		10,14	14,15	17,20	11	9,[11]	11,17
		12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18	

TABLE 2

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

Item 3sp - STR Results

LCHVG2	<i>PowerPlex® Fusion 6C</i>					
3sp	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
LDTLLC	<i>GlobalFiler™</i>					
3sp	15,3,18	17,19	11,14	15,[16],17,[18]	12,[13]	8,12
	10,14	14,15	17,20	11	9	11,[15],17
	12.2	29,[30],31	[14],16	X,Y	10,11	21,[23]
			14,24.2	7,8	8,9	16,18
LEPBDT	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
LGZVY3	<i>GlobalFiler™</i>					
3sp	13,14,15,3,18	17,19,[25]	11,[12],14	15,[16],17,[18]	[11],12,[13]	8,12
	10,14,15	14,15	17,[18.1],20	11,[14]	9,[11]	11,[15],17
	[12],12.2,[13]	[28],29,[30],31	[14],16	X,Y	10,11,[13]	21,[22],[23]
			14,[19],24.2,[27.2]	7,8,[9]	[6],8,9,[10]	16,18
LH4R44	<i>GlobalFiler™</i>					
3sp	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
LND43P	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
LPBEZD	<i>PowerPlex® HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
LQ48VW	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
LRVD3A	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

LTM76K	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
LVUMHH	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
M2FUJM	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
M6DKJ8	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
M9ZCCN	<i>Identifiler® Plus</i>					
3sp	n/t	17,19	n/t	15,17	12,12	8,12
	10,14	n/t	n/t	11,11	9,9	11,17
	12.2,12.2	29,31	n/t	X,Y	10,11	21,21
	n/t	n/t	n/t	7,8	8,9	16,18
MBP46V	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
MGT8VU	<i>Identifiler® Plus, PowerPlex® Fusion system</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
MMY2RB	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
MNTMK2	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

MPJTZR	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
MYC2PP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
N3ME2W	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
N6WJJQ	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
N8MHWP	<i>Identifiler® Plus, GlobalFiler™</i>					
3sp	15.3,[17],18	17,19	11,14	15,[16],17,[18]	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	[14],16	X,Y	10,11	21
	NT	NT	[13.2],14,[24],24.2	7,8	8,9	16,18
NDM77G	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
NJTVTF	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
NJVKVR	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
NK6HL3	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

NQC4AZ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
NY9WNL	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
NYMA4H	<i>PowerPlex® Fusion 5C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
NYRPH4	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
P6RLLZ	<i>PowerPlex® 21</i>					
3sp	15.3,18	17,19		15,17	12,12	8,12
	10,14		17,20	11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
PC7C67	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
PKXUE9	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
PPYY9G	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
PV4PHE	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

Q6768J	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
Q8A62N	<i>Identifiler® Plus, MiniFiler™</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Q8CU4Z	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
Q93YW8	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12,[13]	8,12
	10,14,[15]			11,11	9,9	11,[15],17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8,[9]	[6],8,9	16,18
Q97MYJ	<i>GlobalFiler™</i>					
3sp	15.3,(17),18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
Q9GRK6	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QECCHC	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QF67H2	<i>PowerPlex® 21</i>					
3sp	13,15.3,18	17,19,25		15,16,17,18	12,13	8,12
	10,14,15		17,18.1,20	11,14	9,11	11,15,17
	12,12.2	28,29,30,31		X,Y	10,11	21,22,23
	9,12	8,13,15,16		7,8,9	6,8,9,10	16,18
QJLDZA	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18



TABLE 2

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

Item 3sp - STR Results

QM6HFJ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QNG3M9	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
QTA4NM	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
QZCDTU	<i>Identifiler® Plus</i>					
3sp	N/A	17,19	N/A	15,17	12,12	8,12
	10,14	N/A	N/A	11,11	9,9	11,17
	12.2,12.2	29,31	N/A	X,Y	10,11	21,21
	N/A	N/A	N/A	7,8	8,9	16,18
R47RXV	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
RDTR8D	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RFKMEF	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RFYBAF	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
RGXFQA	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

RJ32HF	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RLA4Q7	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
RPNY84	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RUY28D	<i>Identifiler® +</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
RVVERK	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
RVXZN2	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
RWBKGB	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
RX3PQA	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	14,24.2	7,8	8,9	16,18
RYB39B	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

T9X6AJ	<i>GlobalFiler™</i>					
3sp	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
TBJ3LF	<i>PowerPlex® Fusion</i>					
3sp	15,3,18	17,19	11,14	15,17	12	8,12
	10,14,15	14,15	17,20	11	9,11	11,15,17
	12.2,13	28,29,30,31	16	X,Y	10,11	21,22,23
	9	13,15		7,8	8,9	16,18
TBJ68E	<i>Identifiler® Plus</i>					
3sp		17,[19],[25]		15,16,17,18	11,12,13	8,[12]
	[10],[14],15			11,[14]	9,11	[11],[15],17
	12,12.2,[13]	28,29,30,31		X,[Y]	10,[11],[13]	21,[22],[23]
				7,[8],9	6,8,9,10	16,[18]
TD8EJZ	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TGRJYB	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TH9FPP	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TN8BZ9	<i>GlobalFiler™</i>					
3sp	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
TP4KBD	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
TTKP99	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

TV9EDL	<i>PowerPlex® 16</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
U8GLK7	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
U9RB74	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
UBHMNA	<i>GlobalFiler™</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18
UCT8XJ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
UXD4FV	<i>GlobalFiler™</i>					
3sp	[13],[14],15.3,18	17,19	11,[12],14	15,17,[18]	12,[13]	8,12
	10,14,[15]	14,15	17,20	11,[14]	9,[11]	11,[15],17
	[12],12.2	29,[30],31	[14],16	X,Y	10,11,[13]	21,[22],[23]
			14,24.2,[27.2]	7,8,[9]	8,9	16,18
UXE4BN	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
V69T8J	<i>Identifiler® Plus</i>					
3sp	NA	17,19	NA	15,17	12,12	8,12
	10,14	NA	NA	11,11	9,9	11,17
	12.2,12.2	29,31	NA	X,Y	10,11	21,21
	NA	NA	NA	7,8	8,9	16,18
VA2NBC	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

VET3R7	<i>PowerPlex® Fusion 6C</i>					
3sp	15,3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12,2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	14,24.2	7,8	8,9	16,18
VLUAD2	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
VMRKBP	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
VUCKQ2	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12,2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
VUR4BY	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
VYGJY7	<i>PowerPlex® Fusion 6C</i>					
3sp	15,3,INC,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12,2,[13]	29,30,31	[14],16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
W9NFLN	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
WERPLP	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
WRY9NQ	<i>GlobalFiler™</i>					
3sp	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
			14,24.2	7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

X3TBYX	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
X498TH	<i>GlobalFiler™</i>					
3sp	13,14,15.3,18	17,19,25	11,12,14	15,17,18	12,13	8,12
	10,14,15	14,15	17,20	11,14	9,11	11,15,17
	12,12.2	29,30,31	14,16	X,Y	10,11	21,22,23
			14,19,24.2	7,8,9	6,8,9	16,18
X6GPM8	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
XBME9L	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
XC7Z7H	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9,10	16,18
XDCRMX	<i>PowerPlex® Fusion</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
XH8F9C	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
XNTCB2	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
XP8QMG	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

XT4HQ8	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
XTPVFK	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
XVX7A3	<i>PowerPlex® FUSION 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
Y2GV8H	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Y6V986	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
YACQ9M	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
YKV6EA	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
YL2RM9	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
YMX7CL	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

YMZVGJ	<i>Identifiler®</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	[28],29,[30],31		X,Y	10,11	21
				7,8	8,9	16,18
YVAZUA	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
YW7HR6	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
YXERGG	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
YZJKBE	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Z3QXV2	<i>PowerPlex® Fusion 6C</i>					
3sp	15.3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15	14,24.2	7,8	8,9	16,18
Z44MZZ	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
Z4LHKM	<i>PowerPlex® 16</i>					
3sp				15,17	12	8,12
	10,14			11	9	11,17
		29,31		X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
Z7PK4W	<i>PowerPlex® Fusion</i>					
3sp	15.3,18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
	9,9	13,15	NT	7,8	8,9	16,18



TABLE 2

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

Item 3sp - STR Results

ZCV8Z7	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZEHTQ9	<i>GlobalFiler™</i>					
3sp	15.3,(17),18	17,19	11,14	15,17	12,12	8,12
	10,14	14,15	17,20	11,11	9,9	11,17
	12.2,12.2	29,31	16,16	X,Y	10,11	21,21
			14,24.2	7,8	8,9	16,18
ZEZVJ3	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
ZFBFN7	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZHHVYH	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18
ZJF7UK	<i>PowerPlex® 16 HS</i>					
3sp				15,17	12,12	8,12
	10,14			11,11	9,9	11,17
		29,31		X,Y	10,11	21,21
	9,9	13,15		7,8	8,9	16,18
ZN4WU2	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZPGPN4	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18
ZQC3F3	<i>Identifiler® Plus</i>					
3sp		17,19		15,17	12	8,12
	10,14			11	9	11,17
	12.2	29,31		X,Y	10,11	21
				7,8	8,9	16,18

TABLE 2

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

Item 3sp - STR Results

ZR2GVZ	<i>PowerPlex® Fusion</i>					
3sp	15,3,18	17,19	11,14	15,17	12	8,12
	10,14	14,15	17,20	11	9	11,17
	12.2	29,31	16	X,Y	10,11	21
	9	13,15		7,8	8,9	16,18
ZXCKQ9	<i>Identifiler®</i>					
3sp		17,19		15,17	12,12	8,12
	10,14			11,11	9,9	11,17
	12.2,12.2	29,31		X,Y	10,11	21,21
				7,8	8,9	16,18

TABLE 2

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

Item 4 - STR Results

22QJG9	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
27M4RJ	<i>PowerPlex® 16 hs</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
2CNHBY	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
2KJ6HY	<i>PowerPlex® 16</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
2MRDRJ	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
2V24R2	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
2YMG26	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
34TXNX	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
37H2G6	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

3JPWRU	<i>Identifiler® Plus, GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
3KGV7T	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3KX2BA	<i>Identifiler® Plus, GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
3KY4UM	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3WRMBD	<i>Identifiler® Plus, PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
3XPTY	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
44TWJR	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
47CXGY	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
48QH8N	<i>PowerPlex® HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

493A4B	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
4B9VRB	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
4FZ3AK	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
4KRE3V	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
4UX42Z	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
4YVM3X	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
62HGLK	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
6EPKTZ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
6F227D	<i>Identifiler® Plus, GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

6H8KB2	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
6HZKYY	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
6K8XMT	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
6QB2DQ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
6RP7A4	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
6VAFZG	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
72DJNU	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
7386LQ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
784PPB	<i>PowerPlex® 16</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

79BABP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
79CYJT	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
79RA8Z	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
7AM7GU	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
7BWXMP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
7CBFRG	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
7K8CDX	<i>Identifiler® Plus, MiniFiler™</i>					
4	NT	17,25	NT	16,18	11,13	8,8
	15,15	NT	NT	11,14	11,11	15,17
	12,13	28,30	NT	X,X	10,13	22,23
	NT	NT	NT	7,9	6,10	16,16
7LJUJH	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
7Q9X9N	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

7VKJ6R	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
7VQQGZ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
7WJKCJ	<i>PowerPlex® HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
7ZJXV3	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
82UV4D	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
87M2K2	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
8C96C4	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
8CQZVQ	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
8G2BQ7	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16



TABLE 2

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

Item 4 - STR Results

8MC68W	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
8RGZPB	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
8RHXXL	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
8UAWD6	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
8VZXEM	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
8X7LRR	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
8ZAHWT	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
92PVMB	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
9CLZBG	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

9GDC4R	<i>Identifiler® , MiniFiler™</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
9KFD4P	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
9P97MK	<i>PowerPlex® 21</i>					
4	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
9QLZ3K	<i>PowerPlex® 21</i>					
4	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
A2H8EV	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
A48E4Y	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
A4A7VE	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
A6MTDT	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
AAD4MR	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

AKXCAZ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
AL3CVT	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18,1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
ARW4C3	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ATQUHG	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
AXH4J3	<i>PowerPlex® 21</i>					
4	13,14	17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
AYR92W	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
B3BKET	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
B6ZRYP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
B792RM	<i>PowerPlex® HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

B9FG3Y	<i>Identifiler® Plus</i>					
4	NT	17,25	NT	16,18	11,13	8,8
	15,15	NT	NT	11,14	11,11	15,17
	12,13	28,30	NT	X,X	10,13	22,23
	NT	NT	NT	7,9	6,10	16,16
B9TVL3						
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
BD9J7Y	<i>Identifiler® Plus</i>					
4	N/A	17,25	N/A	16,18	11,13	8,8
	15,15	N/A	N/A	11,14	11,11	15,17
	12,13	28,30	N/A	X,X	10,13	22,23
	N/A	N/A	N/A	7,9	6,10	16,16
BGT78Y	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
BJYN7V	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
BVU347	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
BWNNWX	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
C2CR37	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
C394ZU	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

C4G63T	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
C73ABQ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
C8WV4G	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
CLH8HC	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
CMCQQ6	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
CN9BBJ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
CTXTPV	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
CTZF4N	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
CTZKEQ	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

CV7Y9B	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
D4FNMA	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
D99RAL	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
D9P4VX	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
DAKNKH	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
DALETL	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DC7DWH	<i>SURE ID</i>					
4	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DDLWKL	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
DGGJGV	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

DHFLA7	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DK39YM	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
DLGP2T	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
DPDEFE	<i>PowerPlex® 21</i>					
4	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DQAR6T	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
DTX7U3	<i>PowerPlex® 16</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
DWYAGJ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
E2726M	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
E273AT	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

E2M9DP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
E4AV4R	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
E7Y9JP	<i>Identifiler® and Identifiler Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
E8BXQ9	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
E98E46	<i>PowerPlex® 16</i>					
4				16 <sup>^</sup> ,18 <sup>^</sup>	11 <sup>^</sup> ,13 <sup>^</sup>	8
	15			11,14	11	15 <sup>^</sup> ,17 <sup>^</sup>
		28,30		X	10,13 <sup>^</sup>	22,23
	8,12	8,16		7,9	6,10	16
EAHCGM						
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ELE8TW	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
EN3UAQ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
EPT3BE	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16



TABLE 2

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

Item 4 - STR Results

EQJ9PK 4	<i>Identifiler® Plus</i>					
		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
			7,9	6,10	16	
EQPFZT 4	<i>Identifiler® Plus</i>					
	Not typed	17,25	Not typed	16,18	11,13	8,8
	15,15	Not typed	Not typed	11,14	11,11	15,17
	12,13	28,30	Not typed	X,X	10,13	22,23
	Not typed	Not typed	Not typed	7,9	6,10	16,16
EVGH7D 4	<i>PowerPlex® 21</i>					
	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
EVHA2Z 4	<i>PowerPlex® 16</i>					
				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
EZQXF2 4	<i>PowerPlex® 16</i>					
				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
F2J7ZQ 4	<i>Identifiler® Plus</i>					
		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
			7,9	6,10	16	
F2JX7L 4	<i>Identifiler® Plus</i>					
		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
			7,9	6,10	16	
FH89XU 4	<i>GlobalFiler™</i>					
	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
		19,27.2	7,9	6,10	16,16	
FXKU36 4	<i>Identifiler®</i>					
		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
			7,9	6,10	16,16	

TABLE 2

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

Item 4 - STR Results

FXY7YP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
G2GNRU	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
G2V8HJ	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
GACN7L	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
GBLTKB	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
GDQG47	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
GDRFYZ	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
GF24YZ	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
GFZB2R	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

GHMZ8Q	<i>Identifiler® Plus</i>						
	4		17,25		16,18	11,13	8
		15			11,14	11	15,17
		12,13	28,30		X	10,13	22,23
				7,9	6,10	16	
GPMKAL	<i>Identifiler® Plus</i>						
	4		17,25		16,18	11,13	8
		15			11,14	11	15,17
		12,13	28,30		X	10,13	22,23
				7,9	6,10	16	
GVPJYP	<i>Identifiler® Plus</i>						
	4		17,25		16,18	11,13	8,8
		15,15			11,14	11,11	15,17
		12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16	
HCVZM4	<i>Identifiler® Plus</i>						
	4		17,25		16,18	11,13	8,8
		15,15			11,14	11,11	15,17
		12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16	
HEF8NC	<i>GlobalFiler™</i>						
	4	13,14	17,25	11,12	16,18	11,13	8,8
		15,15	14,15	18.1,20	11,14	11,11	15,17
		12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16	
HF9ZHA	<i>PowerPlex® 16 HS</i>						
	4				16,18	11,13	8
		15			11,14	11	15,17
			28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16	
HHY4C2	<i>PowerPlex® 16</i>						
	4				16,18	11,13	8
		15			11,14	11	15 ^, 17 ^
			28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16	
HQVU2J	<i>Identifiler® Plus</i>						
	4		17,25		16,18	11,13	8
		15			11,14	11	15,17
		12,13	28,30		X	10,13	22,23
				7,9	6,10	16	
HQWUXC	<i>Identifiler® Plus</i>						
	4		17,25		16,18	11,13	8
		15			11,14	11	15,17
		12,13	28,30		X	10,13	22,23
				7,9	6,10	16	

TABLE 2

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

Item 4 - STR Results

HRQFQ4	<i>Identifiler® , MiniFiler™ , SGM Plus®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
HTYMGV	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
J4XPUJ	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
J9U9X4	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JC8BHD	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JHXNGG	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
JKLZGL	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JQP7RH	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
JX9AYK	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

JXA6LX	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
JXP9CH	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
K7F99M	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
K8BU2D	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
KAFD4F	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
KEBBCJ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
KF6W6A	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
KGHQKB	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
KHV3JF	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

KJ8VF3	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
KKDF43	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
KM3TLL	<i>PowerPlex® Fusion 5C</i>					
4	13,14	17,25	11,12	*16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
KT7XCJ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
KU6VT8	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
KVZEYE	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
L3CYBP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
L7C7VM	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
L9HJNM	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

LCHVG2	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
LDTLLC	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
LEPBDT	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LGZVY3	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
LND43P	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LPBEZD	<i>PowerPlex® HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
LQ48VW	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LRVD3A	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
LTM76K	<i>Identifiler®</i>					
4		17,25		16,18	22,2	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

LVUMHH	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
M2FUJM	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
M4NWHF	<i>PowerPlex® ESI Fast</i>					
4	13,14	17,25	11,12	16,18		
	15,15	14,15	18.1,20		11,11	15,17
	12,13	28,30	14,16	X,X		22,23
			19,27.2	7,9		16,16
M6DKJ8	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
M9ZZCN	<i>Identifiler® Plus</i>					
4	n/t	17,25	n/t	16,18	11,13	8,8
	15,15	n/t	n/t	11,14	11,11	15,17
	12,13	28,30	n/t	X,X	10,13	22,23
	n/t	n/t	n/t	7,9	6,10	16,16
MBP46V	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
MGT8VU	<i>Identifiler® Plus, PowerPlex® FUSION</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
MMY2RB	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
MNTMK2	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16



TABLE 2

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

Item 4 - STR Results

MPJTZR	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
MYC2PP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
N3ME2W	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
N6CXNF	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
N6WJJQ	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
N8MHWP	<i>Identifiler® Plus, GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	NT	NT	19,27.2	7,9	6,10	16
NDM77G	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
NDMD7M	<i>PowerPlex® ESI 16</i>					
4	13,14	17,25	11,12	16,18		
	15	14,15	18.1,20		11	15,17
	12,13	28,30	14,16	X		22,23
				7,9		16
NJTVTF	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

NJVKVR 4	GlobalFiler™					
	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
NK6HL3 4	PowerPlex® 16 HS					
				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16	7,9	6,10	16	
NQC4AZ 4	Identifiler® Plus					
		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
			7,9	6,10	16	
NQDWAT 4	GlobalFiler™					
	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
NY9WNL 4	Identifiler® Plus					
		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
			7,9	6,10	16	
NYMA4H 4	PowerPlex® Fusion 5C					
	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	7,9	6,10	16	
NYRPH4 4	PowerPlex® 16 HS					
				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16	7,9	6,10	16	
P6RLLZ 4	PowerPlex® 21					
	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16	7,9	6,10	16,16	
PC7C67 4	Identifiler® Plus					
		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
			7,9	6,10	16,16	

TABLE 2

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

Item 4 - STR Results

PKXUE9	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
PPYY9G	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
PV4PHE	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
Q6768J	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
Q8A62N	<i>Identifiler® Plus, MiniFiler™</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Q8CU4Z	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
Q93YW8	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Q97MYJ	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
Q9GRK6	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

Q9NGVM	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QECCHC	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QF67H2	<i>PowerPlex® 21</i>					
4	13,14	17,25		16,18	11,13	8,8
	15,15		18.1,20	11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
QJLDZA	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
QM6HFJ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QNG3M9	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
QTA4NM	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
QZCDTU	<i>Identifiler® Plus</i>					
4	N/A	17,25	N/A	16,18	11,13	8,8
	15,15	N/A	N/A	11,14	11,11	15,17
	12,13	28,30	N/A	X,X	10,13	22,23
	N/A	N/A	N/A	7,9	6,10	16,16
R47RXV	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

RDTR8D	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
RFKMEF	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
RFYBAF	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
RGXFQA	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
RJ32HF	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
RLA4Q7	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
RPNY84	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
RUY28D	<i>Identifiler® +</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
RVERK	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

RXZLN2	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
RWBKGB	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
RX3PQA	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16
RYB39B	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
TBJ3LF	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
TBJ68E	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,[14]	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TD8EJZ	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TGRJYB	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TH9FPP	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

TN8BZ9	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
TP4KBD	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
TTKP99	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
TV9EDL	<i>PowerPlex® 16</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
U8GLK7	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
U9RB74	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
U9U3XJ	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
UBHMNA	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
UCT8XJ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

UGN9T7	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
UXD4FV	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
UXE4BN	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16
V69T8J	<i>Identifiler® Plus</i>					
4	NA	17,25	NA	16,18	11,13	8,8
	15,15	NA	NA	11,14	11,11	15,17
	12,13	28,30	NA	X,X	10,13	22,23
	NA	NA	NA	7,9	6,10	16,16
VA2NBC	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
VET3R7	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16,16
VLUAD2	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
VMRKBP	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
VUCKQ2	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16



TABLE 2

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

Item 4 - STR Results

VUR4BY	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
VYGJY7	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
W9NFLN	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
WERPLP	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
WEUAH6	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
WJ8WAN	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16
WRY9NQ	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16
X3TBYX	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
X498TH	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
			19,27.2	7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

X6GPM8	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
XBME9L	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
XDCRMX	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
XH8F9C	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
XNTCB2	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
XP8QMG	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
XT4HQ8	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
XTPVFK	<i>PowerPlex® 16</i>					
4				16,18	11,13 ^	8
	15 ^			11,14	11	15 ^, 17 ^
		28,30		X	10 ^, 13 ^	22,23
	8,12	8,16		7,9	6,10	16
XVX7A3	<i>PowerPlex® FUSION 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

Y2GV8H	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Y4N4F3	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Y6V986	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
YACQ9M	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
YKV6EA	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
YL2RM9	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
YMX7CL	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
YMZVGJ	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
YVAZUA	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

YW7HR6	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
YZJKBE	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Z2EFF3	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Z3QXV2	<i>PowerPlex® Fusion 6C</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16	19,27.2	7,9	6,10	16
Z44MZZ	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
Z4LHKM	<i>PowerPlex® 16</i>					
4				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
Z7PK4W	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
	8,12	8,16	NT	7,9	6,10	16,16
ZCV8Z7	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZEHTQ9	<i>GlobalFiler™</i>					
4	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16

TABLE 2

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

Item 4 - STR Results

ZEVJ3	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
ZFBFN7	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZHHVYH	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
ZJF7UK	<i>PowerPlex® 16 HS</i>					
4				16,18	11,13	8,8
	15,15			11,14	11,11	15,17
		28,30		X,X	10,13	22,23
	8,12	8,16		7,9	6,10	16,16
ZMEE32	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZN4WU2	<i>Identifiler®</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZPGPN4	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16
ZQC3F3	<i>Identifiler® Plus</i>					
4		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
ZR2GVZ	<i>PowerPlex® Fusion</i>					
4	13,14	17,25	11,12	16,18	11,13	8
	15	14,15	18.1,20	11,14	11	15,17
	12,13	28,30	14,16	X	10,13	22,23
	8,12	8,16		7,9	6,10	16

TABLE 2

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

Item 4 - STR Results

ZXCKQ9	Identifiler®					
4		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

Item 4e - STR Results

24GGFZ	<i>Identifiler® Plus</i>					
4e		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
ELW7WL	<i>Identifiler® Plus</i>					
4e		17,25		16,18	11,13	8
	15			11,14	11	15,17
	12,13	28,30		X	10,13	22,23
				7,9	6,10	16
LH4R44	<i>GlobalFiler™</i>					
4e	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
T9X6AJ	<i>GlobalFiler™</i>					
4e	13,14	17,25	11,12	16,18	11,13	8,8
	15,15	14,15	18.1,20	11,14	11,11	15,17
	12,13	28,30	14,16	X,X	10,13	22,23
			19,27.2	7,9	6,10	16,16
XC7Z7H	<i>PowerPlex® 16</i>					
4e				16,18	11,13	8
	15			11,14	11	15,17
		28,30		X	10,13	22,23
	8,12	8,16		7,9	6,10	16
YXERGG	<i>Identifiler® Plus</i>					
4e		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16

TABLE 2

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

## Item 4sp - STR Results

24GGFZ	<i>Identifiler® Plus</i>					
4sp		17,25		16,18	13	8
	15			11,14	11	15
	12,13	28		X	10,13	23
				7,9	6,10	16
ELW7WL	<i>Identifiler® Plus</i>					
4sp				16		8
	15				11	
					10	
				7,9	6	16
LH4R44	<i>GlobalFiler™</i>					
4sp	14	17,25		16,18	11,13	8
	15	_,15		11,_		_,17
					_,10	16
T9X6AJ	<i>GlobalFiler™</i>					
4sp						
XC7Z7H	<i>PowerPlex® 16</i>					
4sp						
YXERGG	<i>Identifiler® Plus</i>					
4sp		17,25		16,18	11,13	8,8
	15,15			11,14	11,11	15,17
	12,13	28,30		X,X	10,13	22,23
				7,9	6,10	16,16



# Amplification Kit(s) & YSTR Results

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

## Item 1 - YSTR Results

62HGLK	Yfiler® 1	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
6EPKTZ	Fusion 6C 1						NR		
			NR	NR					
6MF389	Yfiler® 1								
7386LQ	GlobalFiler™ Express 1						NR		
								NR	
7K8CDX	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	
AXH4J3	PowerPlex® Y 1								
BJYN7V	Yfiler® 1								
BWNNWX	Fusion DYS391 only 1						NR		
CLH8HC	Yfiler® 1	NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
DAKNKH	GlobalFiler™ Express 1						NR		
								NR	
DWYAGJ	GlobalFiler™ Express 1						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	YIndel	

Item 1 - YSTR Results

EQPFZT	Yfiler® 1	No result	No result	No result	No result	No result	No result	No result	No result	
		No result	No result	No result	No result	No result	No result	Not typed	Not typed	
		Not typed	Not typed	Not typed	No result	Not typed	No result	Not typed		
G2GNRU	PowerPlex® Y 23 1	[Redacted]								
		[Redacted]								
HEF8NC	GlobalFiler™ 1	[Redacted]						NA		
		[Redacted]							NA	
HQWUXC	GlobalFiler™ Express 1	[Redacted]						NR		
		[Redacted]							NR	
HRQFQ4	GlobalFiler™ 1	[Redacted]								
		[Redacted]								
JHWNLM	Fusion 6C 1	[Redacted]						NR		
		[Redacted]							NR	
		[Redacted]								
JKLZGL	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR		
		[Redacted]						NR		
LDTLLC	GlobalFiler™ 1	[Redacted]						NR		
		[Redacted]							NR	
MNTMK2	GlobalFiler™ 1	[Redacted]						NR		
		[Redacted]							NR	
PKXUE9	GlobalFiler™ 1	[Redacted]						NR		
		[Redacted]							NR	
QA2Y6K	Yfiler® 1	[Redacted]								
		[Redacted]								
QU2F4M	Yfiler® 1	[Redacted]								
		[Redacted]								

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 1 - YSTR Results

R48KTH	Yfiler® 1	[REDACTED]								
RPNY84	GlobalFiler™ Express 1	[REDACTED]						NR		
		[REDACTED]							NR	
TH3CPJ	Fusion 6C 1	[REDACTED]								
U9U3XJ	PowerPlex® Y 23 1	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	
		NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	
		NEG	NEG	NEG	NEG	NEG	NEG	NEG		
WJ8WAN	Yfiler® 1	NR	NR,NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR			
					NR		NR			
Y2GV8H	Yfiler® 1	[REDACTED]								
YW7HR6	GlobalFiler™ Express 1	[REDACTED]						NR		
		[REDACTED]							NR	
YXERGG	Yfiler® 1	[REDACTED]								
ZEZVJ3	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR			
					NR		NR			
ZQC3F3	GlobalFiler™ Express 1	[REDACTED]						NR		
		[REDACTED]							NR	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 2 - YSTR Results

27M4RJ	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
2KJ6HY	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
2MRDRJ	PowerPlex® Y 2								
2V24R2	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
					21		11		
37H2G6	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
					21		11		
3JPWRU	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
3KGV7T	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
3KX2BA	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
3KY4UM	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
3WRMBD	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
3XPXY	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
44TWJR	GlobalFiler™ 2						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	YIndel	

Item 2 - YSTR Results

47CXGY	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
48QH8N	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
4UX42Z	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
62HGLK	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6EPKTZ	Yfiler® , Fusion 6C 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
			17	17	21		11		
6F227D	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
6K8XMT	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
6MF389	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6QB2DQ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6VAFZG	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
7386LQ	Yfiler® Plus 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
79BABP	2						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	YIndel	

Item 2 - YSTR Results

79RA8Z	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
7BWXMP	Yfiler® Plus	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
				17	17	21		11		
7CBFRG	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
7K8CDX	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	NT	NT
			NT	NT	NT	21	NT	11	NT	
7LJUUH	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
7Q9X9N	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
7VKJ6R	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
7WJKCJ	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
8C96C4	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
8CQZVQ	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
8RGZPB	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
8RHXL	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		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	YIndel	

Item 2 - YSTR Results

8VZEM	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8X7LRR	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8ZAHWT	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
92PVMB	2						11		
								2	
9CLZBG	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
9KFD4P	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
A48E4Y	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
A4A7VE	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
A6MTDT	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
AKXCAZ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
AL3CVT	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ATQUHG	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 2 - YSTR Results

AXH4J3	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
AYR92W	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
B3BKET	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
B6ZRYP	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
B792RM	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
BD9J7Y	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	N/A	N/A
			N/A	N/A	N/A	21	N/A	11	N/A	
BGT78Y	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
BJYN7V	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
BWNNWX	PowerPlex® Y 23, Fusion DYS391 only	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
C394ZU	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
C8WV4G	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
CLH8HC	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		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	YIndel	

Item 2 - YSTR Results

CTXTPV	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
CTZKEQ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
D4FNMA	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
D9P4VX	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DAKNKH	GlobalFiler™ Express 2						11		
								2	
DC7DWH	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DGGJGV	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DHFLA7	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
DLGP2T	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DPDEFE	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DQAR6T	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DWYAGJ	GlobalFiler™ Express 2						11		
								2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 2 - YSTR Results

E273AT	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
E2M9DP	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
E7Y9JP	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
E8BXQ9	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ELE8TW	GlobalFiler™ 2						11		
								2	
EN3UAQ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
EPT3BE	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
EQJ9PK	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
EQPFZT	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	Not typed	Not typed
		Not typed	Not typed	Not typed	21	Not typed	11	Not typed	
F2J7ZQ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
F2JX7L	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
FH89XU	GlobalFiler™ 2						11		
								2	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 2 - YSTR Results

FXKU36	Yfiler® Plus 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
G2GNRU	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
GBLTKB	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
GDQG47	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
GF24YZ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
GPMKAL	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
HEF8NC	GlobalFiler™ 2						11		
								2	
HF9ZHA	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
HQWUXC	GlobalFiler™ Express 2						11		
								2	
HRQFQ4	GlobalFiler™ 2						11		
								2	
HTYMGV	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
JHWNLM	Fusion 6C (Direct) - DYS391, DYS576, DYS570 2						11		
			17	17					

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 2 - YSTR Results

JKLZGL	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
JX9AYK	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
JXA6LX	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
JXP9CH	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
K8BU2D	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KF6W6A	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
KGHQKB	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KHV3JF	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KJ8VF3	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KKDF43	GlobalFiler™ 2						11		
									2
KM3TLL	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
KU6VT8	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 2 - YSTR Results

L7C7VM	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
L9HJNM	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
LDTLLC	Yfiler® Plus, GlobalFiler™ 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
LH4R44	GlobalFiler™ 2						11		
								2	
LND43P	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
LRVD3A	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
M2FUJM	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
M9ZZCN	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	n/t	n/t
		n/t	n/t	n/t	21	n/t	11	n/t	
MBP46V	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
MGT8VU	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
MNTMK2	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
N3ME2W	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 2 - YSTR Results

N8MHWP	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11	2	
NDMD7M	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
NJTVTF	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
NK6HL3	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
NQC4AZ	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
NY9WNL	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
NYMA4H	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
NYRPH4	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
PKXUE9	Yfiler® Plus, GlobalFiler™	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
				17	17	21		11	2	
PPY9G	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
Q6768J	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
Q8CU4Z	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	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	YIndel	

Item 2 - YSTR Results

Q9GRK6	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
Q9NGVM	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QA2Y6K	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QECCHC	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QF67H2	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QJLDZA	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QU2F4M	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
R48KTH	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RDTR8D	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
RFKMEF	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RFYBAF	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
RJ32HF	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 2 - YSTR Results

RPNY84	GlobalFiler™ Express									
	2						11			
								2		
RWVERK	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
RVXZN2	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
RWBKGB	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11	2	
RX3PQA	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
T9X6AJ										
	2						11			
								2		
TBJ3LF	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
TBJ68E	PowerPlex® Y 23	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
TD8EJZ	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
TGRJYB	Yfiler®	2	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
TH3CPJ	Fusion 6C									
	2						11			
			17	17						
TN8BZ9	GlobalFiler™ Express									
	2						11			
								2		



TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 2 - YSTR Results

TP4KBD	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
U9RB74	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
U9U3XJ	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
UGN9T7	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
UXE4BN	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
VA2NBC	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
VET3R7	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
VLUAD2	Yfiler® Plus, GlobalFiler™ Express 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
VMRKBP	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
W9NFLN	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
WERPLP	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
WJ8WAN	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 2 - YSTR Results

WRY9NQ	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
XBME9L	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
XDCRMX	2						11		
XNTCB2	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Y2GV8H	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
Y6V986	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
YACQ9M	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
YKV6EA	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
YMZVGJ	GlobalFiler™ Express 2						11		
								2	
YVAZUA	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
YW7HR6	GlobalFiler™ Express 2						11		
								2	
YXERGG	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 2 - YSTR Results

Z44MZZ	Yfiler® PLus 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
Z4LHKM	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Z7PK4W	2						11		
ZEZVJ3	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
ZJF7UK	PowerPlex® Y 23 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ZPGPN4	Yfiler® 2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
ZQC3F3	GlobalFiler™ Express 2						11		
								2	
ZR2GVZ	PowerPlex® Y 2						11		
ZXCKQ9	2	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

## Item 3 - YSTR Results

2KJ6HY	PowerPlex® Y 23	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
62HGLK	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
7VKJ6R	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
8ZAHWT	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
9KFD4P	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
CLH8HC	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
E273AT	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
EQJ9PK	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
F2JX7L	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
GF24YZ	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
KHV3JF	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
LTM76K	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		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	YIndel	

Item 3 - YSTR Results

NDMD7M	PowerPlex® Y 23	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
Q9NGVM	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
U9U3XJ	PowerPlex® Y 23	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11	2	
UGN9T7	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
WJ8WAN	Yfiler®	3	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		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	YIndel	

Item 3e - YSTR Results

22QJG9	Yfiler® 3e	[Redacted]								
27M4RJ	PowerPlex® Y 23 3e	[Redacted]								
2V24R2	Yfiler® 3e	[Redacted]								
37H2G6	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
3JPWRU	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11	2		
3KGV7T	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
3KX2BA	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11	2		
3KY4UM	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
3WRMBD	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
3XPTXY	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11	2		
44TWJR	GlobalFiler™ 3e						11			
									2	
47CXGY	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		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	YIndel	

Item 3e - YSTR Results

48QH8N	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
4UX42Z	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
6EPKTZ	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6F227D	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
6K8XMT	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
6QB2DQ	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6VAFZG	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
7386LQ	Yfiler® Plus 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
79RA8Z	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
7BWXMP	Yfiler® Plus 3e								
7CBFRG	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
7K8CDX	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	NT	NT
		NT	NT	NT	21	NT	11	NT	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel	

Item 3e - YSTR Results

7LJUUH	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
7Q9X9N	PowerPlex® Y 23 3e	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7WJKCJ	PowerPlex® Y 23 3e		13,19			23	11	11	12
		14	10	11	20	15	18.2	26	
		13	17	17	21	9	11		
8C96C4	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
8CQZVQ	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8RGZPB	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
8RHXL	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
8VZXEM	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8X7LRR	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
9CLZBG	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
A48E4Y	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
A4A7VE	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3e - YSTR Results

A6MTDT	Yfiler®								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
AKXCAZ	Yfiler®								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
AL3CVT	PowerPlex® Y 23								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ATQUHG	PowerPlex® Y 23								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
AXH4J3	PowerPlex® Y 23								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
B3BKET	Yfiler®								
	3e								
B6ZRYP	Yfiler®								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
B792RM	PowerPlex® Y 23								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
BD9J7Y	Yfiler®								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	N/A	N/A
		N/A	N/A	N/A	21	N/A	11	N/A	
BGT78Y	Yfiler®								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
BJYN7V	Yfiler®								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
BWNNWX	PowerPlex® Y 23, Fusion DYS391 sp only								
	3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 3e - YSTR Results

C394ZU	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
C8WW4G	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
CTXTPV	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
CTZKEQ	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
D4FNMA	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
D9P4VX	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DC7DWH	Yfiler® 3e								
DGGJGV	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DHFLA7	PowerPlex® Y 23 3e								
DLGP2T	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DPDEFE	Yfiler® 3e								
DQAR6T	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3e - YSTR Results

E2M9DP	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
E7Y9JP	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
E8BXQ9	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ELE8TW	GlobalFiler™ 3e	[11]							
									[2]
EN3UAQ	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
EPT3BE	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
EQPFZT	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	Not typed	Not typed
		Not typed	Not typed	Not typed	21	Not typed	11	Not typed	
F2J7ZQ	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
FH89XU	GlobalFiler™ 3e	[11]							
									[2]
FXKU36	Yfiler® Plus 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
G2GNRU	PowerPlex® Y 23 3e								11
GBLTKB	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 3e - YSTR Results

GDQG47	PowerPlex® Y 23 3e	NT	NT	NT	NT	NT	NT	NT	NT	
		NT	NT	NT	NT	NT	NT	NT	NT	
		NT	NT	NT	NT	NT	NT			
GPMKAL	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
GVPJYP	Yfiler® 3e	[Redacted]								
		[Redacted]								
HEF8NC	GlobalFiler™ 3e							11		
									2	
HF9ZHA	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
HTYMGV	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
JKLZGL	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
JX9AYK	Yfiler® 3e	[Redacted]								
		[Redacted]								
JXA6LX	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
JXP9CH	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
K7F99M	Yfiler® 3e	[Redacted]								
		[Redacted]								
K8BU2D	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		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	YIndel	

Item 3e - YSTR Results

KF6W6A	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
KQHQB	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KJ8VF3	Yfiler® 3e								
KKDF43	GlobalFiler™ 3e								
		[1]							
KM3TLL	PowerPlex® Y 23 3e								
		[2]							
KM3TLL	PowerPlex® Y 23 3e	14	*,13	13	30	23	11	INC	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	INC		
KU6VT8	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
L7C7VM	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
L9HJNM	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
LDTLCC	Yfiler® Plus, GlobalFiler™ 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
LH4R44	GlobalFiler™ 3e								
		11							
LND43P	Yfiler® 3e								
		2							
LND43P	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
LRVD3A	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3e - YSTR Results

M2FUJM	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
M9ZZCN	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	n/t	n/t
		n/t	n/t	n/t	21	n/t	11	n/t	
MBP46V	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
MGT8VU	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
MNTMK2	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
N3ME2W	PowerPlex® Y 23 3e								
N8MHWP	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
NJTVTF	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
NK6HL3	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
NQC4AZ	Yfiler® 3e								
NY9WNL	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
NYMA4H	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3e - YSTR Results

NYRPH4	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
PKXUE9	Yfiler® Plus, GlobalFiler™ 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
PPYY9G	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Q6768J	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
Q8CU4Z	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Q9GRK6	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QECCHC	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10		20	15	18.2		
					21		11		
QF67H2	Yfiler® 3e								
QJLDZA	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RDTR8D	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
RFKMEF	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RFYBAF	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 3e - YSTR Results

RJ32HF	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
RWVERK	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
RVXZN2	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
RWBKGB	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11	2		
RX3PQA	PowerPlex® Y 23 3e	[REDACTED]								
T9X6AJ	3e	[REDACTED]						11		
		[REDACTED]								
								2		
TBJ3LF	Yfiler® 3e	[REDACTED]								
TBJ68E	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
TD8EJZ	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
TGRJYB	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
TN8BZ9	GlobalFiler™ 3e	[REDACTED]						[11]		
		[REDACTED]								
								2		
TP4KBD	Yfiler® 3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		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	YIndel	

Item 3e - YSTR Results

U9RB74	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
UXE4BN	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
VA2NBC	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
VET3R7	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
VLUAD2	Yfiler® Plus 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
VMRKBP	PowerPlex® Y 23 3e	[Redacted]							
		[Redacted]							
W9NFLN	PowerPlex® Y 23 3e	[Redacted]							
		[Redacted]							
WERPLP	PowerPlex® Y 23 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
WRY9NQ	Yfiler® 3e	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
X6GPM8	Yfiler® 3e	[Redacted]							
		[Redacted]							
XBME9L	PowerPlex® Y 23 3e	[Redacted]							
		[Redacted]							
XDCRMX	3e	no result							
		[Redacted]							

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 3e - YSTR Results

XH8F9C	Yfiler®									
	3e									
XNTCB2	PowerPlex® Y 23									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
Y2GV8H	Yfiler®									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
Y6V986	Yfiler®									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
YACQ9M	PowerPlex® Y 23									
	3e									
YKV6EA	Yfiler®									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
YVAZUA	Yfiler®									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
YXERGG	Yfiler®									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		11			
Z44MZZ	Yfiler® Plus									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
			17	17	21		11			
Z4LHKM	PowerPlex® Y 23									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2	26	11	
		13	17	17	21	9	11			
Z7PK4W	3e							11		
ZEZVJ3	Yfiler®									
	3e	14	13,19	13	30	23	11	11	12	
		14	10	11	20	15	18.2			
					21		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	YIndel	

Item 3e - YSTR Results

ZJF7UK      *PowerPlex® Y 23*  
 3e

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ZPGPN4      *Yfiler®*  
 3e

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ZXCKQ9      *Yfiler®*  
 3e

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TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 3EF - YSTR Results

AYR92W	Yfiler®								
	3EF	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
				21			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	YIndel	

Item 3SF - YSTR Results

AYR92W	Yfiler®								
	3SF	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
				21			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	YInDel	
<b>Item 3sp - YSTR Results</b>									
22QJG9	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
27M4RJ	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
2V24R2	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
37H2G6	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
3JPWRU	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
3KGV7T	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
3KX2BA	PowerPlex® Y 23 3sp	14	13,19	13	30	23	[10],11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
3KY4UM	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
3WRMBD	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
3XPTXY	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
44TWJR	GlobalFiler™ 3sp						11		
								2	
47CXGY	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	
<b>Item 3sp - YSTR Results</b>									
48QH8N	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
4UX42Z	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
6EPKTZ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6F227D	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
6K8XMT	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
6QB2DQ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
6VAFZG	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
7386LQ	Yfiler® Plus 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
79RA8Z	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
7BWXMP	Yfiler® Plus 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
7CBFRG	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
7K8CDX	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	NT	NT
		NT	NT	NT	21	NT	11	NT	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel	

Item 3sp - YSTR Results

7LJUUH	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
7Q9X9N	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	N/A	
7WJKCJ	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8C96C4	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
8CQZVQ	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8RGZPB	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
8RHXL	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
8VZXEM	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
8X7LRR	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
9CLZBG	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
A48E4Y	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
A4A7VE	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	
<b>Item 3sp - YSTR Results</b>									
A6MTDT	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
AKXCAZ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
AL3CVT	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ATQUHG	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
AXH4J3	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
B3BKET	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
B6ZRYP	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
B792RM	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
BD9J7Y	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	N/A	N/A
		N/A	N/A	N/A	21	N/A	11	N/A	
BGT78Y	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
BJYN7V	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
BWNNWX	PowerPlex® Y 23, Fusion DYS391 sp only 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	
<b>Item 3sp - YSTR Results</b>									
C394ZU	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
C8WW4G	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
CTXTPV	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
CTZKEQ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
D4FNMA	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
D9P4VX	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DC7DWH	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DGGJGV	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DHFLA7	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
DLGP2T	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DPDEFE	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
DQAR6T	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3sp - YSTR Results

E2M9DP	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
E7Y9JP	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
E8BXQ9	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
ELE8TW	GlobalFiler™ 3sp						11		
								2	
EN3UAQ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
EPT3BE	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
EQPFZT	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	Not typed	Not typed
		Not typed	Not typed	Not typed	21	Not typed	11	Not typed	
F2J7ZQ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
FH89XU	GlobalFiler™ 3sp						11		
								2	
FXKU36	Yfiler® Plus 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
G2GNRU	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
GBLTKB	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 3sp - YSTR Results

GDQG47	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
GPMKAL	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
GVPJYP	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
HEF8NC	GlobalFiler™ 3sp						11		
								2	
HF9ZHA	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
HTYMGV	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
JKLZGL	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
JX9AYK	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
JXA6LX	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
JXP9CH	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
K7F99M	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
K8BU2D	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3sp - YSTR Results

KF6W6A	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
KQHQB	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KJ8VF3	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
KKDF43	GlobalFiler™ 3sp						11		
								2	
KM3TLL	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
KU6VT8	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
L7C7VM	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
L9HJNM	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
LDTLCC	Yfiler® Plus, GlobalFiler™ 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
LH4R44	GlobalFiler™ 3sp						11		
								2	
LND43P	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
LRVD3A	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3sp - YSTR Results

M2FUJM	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
M9ZZCN	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	n/t	n/t
		n/t	n/t	n/t	21	n/t	11	n/t	
MBP46V	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
MGT8VU	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
MNTMK2	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11	2	
N3ME2W	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
N8MHWP	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
NJTVTF	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
NK6HL3	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
NQC4AZ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
NY9WNL	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
NYMA4H	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3sp - YSTR Results

NYRPH4	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
PKXUE9	Yfiler® Plus, GlobalFiler™ 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11	2	
PPYY9G	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Q6768J	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
Q8CU4Z	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Q9GRK6	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QECCHC	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QF67H2	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
QJLDZA	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RDTR8D	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
RFKMEF	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RFYBAF	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	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	YIndel	

Item 3sp - YSTR Results

RJ32HF	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RWVERK	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
RVXZN2	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
RWBKGB	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11	2	
RX3PQA	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
T9X6AJ	3sp						11		
								2	
TBJ3LF	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
TBJ68E	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
TD8EJZ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
TGRJYB	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
TN8BZ9	GlobalFiler™ 3sp						11		
								2	
TP4KBD	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3sp - YSTR Results

U9RB74	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
UXE4BN	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
VA2NBC	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
VET3R7	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
VLUAD2	Yfiler® Plus 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
VMRKBP	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
W9NFLN	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
WERPLP	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
WRY9NQ	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
X6GPM8	Yfiler® 3sp	14	13,[18],19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
XBME9L	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
XDCRMX	3sp						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	YIndel	
<b>Item 3sp - YSTR Results</b>									
XH8F9C	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
XNTCB2	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Y2GV8H	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
Y6V986	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
YACQ9M	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
YKV6EA	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
YVAZUA	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
YXERGG	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		11		
Z44MZZ	Yfiler® Plus 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
			17	17	21		11		
Z4LHKM	PowerPlex® Y 23 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2	26	11
		13	17	17	21	9	11		
Z7PK4W	3sp						11		
ZEZVJ3	Yfiler® 3sp	14	13,19	13	30	23	11	11	12
		14	10	11	20	15	18.2		
					21		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	YIndel	

Item 3sp - YSTR Results

ZJF7UK	PowerPlex® Y 23	3sp	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2	26	11
			13	17	17	21	9	11		
ZPGPN4	Yfiler®	3sp	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		11		
ZR2GVZ	3sp							11		
ZXCKQ9	Yfiler®	3sp	14	13,19	13	30	23	11	11	12
			14	10	11	20	15	18.2		
						21		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	YIndel	

Item 4 - YSTR Results

47CXGY	Yfiler® 4	[Redacted]							
6EPKTZ	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
				NR			NR		
6F227D	4	[Redacted]							
								NR	
7386LQ	Yfiler® Plus 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR		NR		
7CBFRG	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
				NR			NR		
7K8CDX	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NT	NT
		NT	NT	NT	NR	NT	NR	NT	
BJYN7V	Yfiler® 4	[Redacted]							
BWNNWX	Fusion DYS391 only 4						NR		
		[Redacted]							
CTZKEQ	Yfiler® 4	[Redacted]							
DPDEFE	Yfiler® 4	[Redacted]							
EQPFZT	Yfiler® 4	No result	No result	No result	No result	No result	No result	No result	No result
		No result	No result	No result	No result	No result	No result	Not typed	Not typed
		Not typed	Not typed	Not typed	No result	Not typed	No result	Not typed	
HEF8NC	GlobalFiler™ 4						NA		
		[Redacted]							
								NA	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 4 - YSTR Results

JKLZGL	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
K8BU2D	Yfiler® 4	14	13,19	13	29,30	23,25	11		12
		14	10	11		13,15	18.2		
					20,21		11,12		
LDTLLC	GlobalFiler™ 4	No Result							
		No Result							
MNTMK2	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR	NR	
PKXUE9	GlobalFiler™ 4	NR							
		NR							
		NR							
TGRJYB	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR	NR	
U9U3XJ	PowerPlex® Y 23 4	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
		NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
		NEG	NEG	NEG	NEG	NEG	NEG	NEG	
WJ8WAN	Yfiler® 4	NR	NR,NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR	NR	
WRY9NQ	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR	NR	
Y2GV8H	Yfiler® Plus 4								
ZEZVJ3	Yfiler® 4	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	YIndel	

Item 4e - YSTR Results

YXERGG Yfiler®  
4e



TABLE 3

WebCode	Item	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 4sp - YSTR Results

YXERGG

Yfiler®

4sp



**Additional DNA Results**

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D6S1043	9P97MK	12,15	11,15		11,12,15	11,15	12,15		
	9QLZ3K	12,15	11,15		[11],12,15	11,15	12,15		
	DPDEFE	12,15	11,15		12,15	11,15	12,15		
	EVGH7D	12,15	11,15		[11],12,15	11,15	12,15		
	P6RLLZ	12,15	11,15						
	QF67H2	12,15	11,15		12,15	11,12,15	12,15		
DYF387S1	7386LQ	NT	37,38		37,38	37,38	NR		
	7BWXMP		37,38						
	FXKU36		37,38		37,38	37,38			
	LDTLLC		37,38		37,38	37,38			
	PKXUE9		37,38		37,38	37,38			
	VLUAD2		37,38		37,38	37,38			
	Z44MZZ		37,38		37,38	37,38			
DYS391	2CNHBY		11			11			
	3KY4UM		11						
	6RP7A4		11			11			
	7AM7GU		11		[11]	11			
	7WJKCJ		11						
	7ZJXV3		11		11	11			
	87M2K2	Not Detected	11		11	11	Not Detected		
	BVU347		11						
	CV7Y9B		11			11			
	G2V8HJ		11		[11]	11			
	GFZB2R		11		11	11			
	HRQFQ4		11						
	J4XPUJ		11			11			
	J9U9X4		11						
	JHXNGG		11			11			
	KAFD4F		11			11			
	L9HJNM					11	11		
	LCHVG2		11		[11]	11			
	LGZVY3		11		11	11			
	NJVKVR		11		[11]	11			
	NQDWAT		11						
	Q97MYJ		11			11			
	R47RXV	NR	11		[11]	11	NR		
	RGXFQA		11		[11]	11			
	TBJ3LF		11		11	11			
	UBHMNA		11			11			
	UXD4FV		11		11	11			
	VYGJY7		11			11			
	X498TH		11		11	11			
XDCRMX		11		11	11	11			
XVX7A3		11		[11]	11				



TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DYS391 cont'd	YMX7CL		11						
	Z3QXV2	NR	11		NR	11	NR		
	ZEHTQ9		11			11			
	ZHHVYH		11						
	ZR2GVZ		11		11	11			
DYS391 (FUSION)	4UX42Z	NR	11						
	AL3CVT						NR		
DYS391 (GLOBALFILER)	7Q9X9N	No Result							
DYS449	7386LQ	NT	25		25	25	NR		
	7BWXMP		25						
	LDTLLC		25		25	25			
	PKXUE9		25		25	25			
	VLUAD2		25		25	25			
	Z44MZZ		25		25	25			
DYS460	7386LQ	NT	10		10	10	NR		
	7BWXMP		10						
	FXKU36		10		10	10			
	LDTLLC		10		10	10			
	PKXUE9		10		10	10			
	VLUAD2		10		10	10			
	Z44MZZ		10		10	10			
DYS518	7386LQ	NT	39		39	39	NR		
	7BWXMP		39						
	FXKU36		39		39	39			
	LDTLLC		39		39	39			
	PKXUE9		39		39	39			
	VLUAD2		39		39	39			
	Z44MZZ		39		39	39			
DYS570	2CNHBY		17			17			
	7AM7GU		17			17			
	BVU347		17						
	CV7Y9B		17			17			
	G2V8HJ		17			17			
	JHXNGG		17			17			
	KAFD4F		17			17			
	LCHVG2		17		[17]	17			
	R47RXV	NR	17		NR	17	NR		
	RGXFQA		17		[17]	17			
	VYGJY7		17			17			
	XVX7A3		17			17			
	Z3QXV2	NR	17		NR	17	NR		
ZHHVYH		17							
DYS576	2CNHBY		17			17			

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp	
DYS576 cont'd	7AM7GU		17			17				
	BVU347		17							
	CV7Y9B		17			17				
	G2V8HJ		17			17				
	JHXNGG		17			17				
	KAFD4F		17			17				
	LCHVG2		17			[17]	17			
	R47RXV	NR	17			[17]	17	NR		
	RGXFQA		17			[17]	17			
	VYGJY7		17			17				
	XVX7A3		17			17				
	Z3QXV2	NR	17			NR	17	NR		
	ZHHVYH		17							
	DYS627	7386LQ	NT	21		21	21	NR		
7BWXMP			21							
LDTLLC			21		21	21				
PKXUE9			21		21	21				
VLUAD2			21		21	21				
Z44MZZ			21		21	21				
MINIFILER AMELOGENIN  MINIFILER CSF1PO  MINIFILER D13S317  MINIFILER D16S539  MINIFILER D18S51  MINIFILER D21S11  MINIFILER D2S1338  MINIFILER D7S820  MINIFILER FGA		9GDC4R	X	X,Y		X	X,Y	X		
	9GDC4R	10,13	10,11		10,13	10,11	10,13			
	9GDC4R	11,14	11		11,[14]	11	11,14			
	9GDC4R	11	9		11	9	11			
	9GDC4R	15,17	11,17		[11],15,17	11,17	15,17			
	9GDC4R	28,30	29,31		28,[29],30,[31]	29,31	28,30			
	9GDC4R	17,25	17,19		17,[19],25	17,19	17,25			
	9GDC4R	8	8,12		8,[12]	8,12	8			
	9GDC4R	22,23	21		21,22,23	21	22,23			
	Yindel	6RP7A4		2			2			
		7ZJXV3		2		2	2			
		87M2K2	Not Detected	2		2	2	Not Detected		
		GFZB2R		2		2	2			
		HRQFQ4		2						
J4XPUJ			2		2	2				
J9U9X4			2							
LGZVY3			2		2	2				
NJVKVR			2		[2]	2				
NQDWAT			2							
Q97MYJ			2			2				

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
Yindel cont'd	UBHMNA		2			2			
	UXD4FV		2		2	2			
	W9NFLN	NR							
	WRY9NQ	NR	2		2	2	NR		
	X498TH		2		2	2			
	YMX7CL		2						
	ZEHTQ9		2		2	2			
YINDEL (GLOBALFILER)	7CBFRG	NR	2		2	2			
	7Q9X9N	No Result							

# DNA Interpretations

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

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22QJG9	Yes	Yes	Yes	No	62HGLK	Yes	Yes	Yes	No
24GGFZ	Yes	Yes	Yes	No	6EPKTZ	Yes	Yes	Yes	No
27M4RJ	Yes	Yes	Yes	No	6F227D	Yes	Yes	Yes	No
2CNHBY	Yes	Yes	Yes	No	6H8KB2	Yes	Yes	Yes	No
2KJ6HY	Yes	Yes	Yes	No	6HZKYY	Yes	Yes	Yes	No
2MRDRJ	Yes	Yes	Yes	No	6K8XMT	Yes	Yes	Yes	No
2V24R2	Yes	Yes	Yes	No	6MF389	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2YMG26	Yes	Yes	Yes	No	6QB2DQ	Yes	Yes	Yes	No
34TXNX	Yes	Yes	Yes	No	6RP7A4	Yes	Yes	Yes	No
37H2G6	Yes	Yes	Yes	No	6VAFZG	Yes	Yes	Yes	No
3JPWRU	Yes	Yes	Yes	No	72DJNU	Yes	Yes	Yes	No
3KGV7T	Yes	Yes	Yes	No	7386LQ	Yes	Yes	Yes	No
3KX2BA	Yes	Yes	Yes	No	784PPB	Yes	Yes	Yes	No
3KY4UM	Yes	Yes	Yes	No	79BABP	Yes	Yes	Yes	No
3WRMBD	Yes	Yes	Yes	No	79CYJT	Yes	Yes	Yes	No
3XPTYX	Yes	Yes	Yes	No	79RA8Z	Yes	Yes	Yes	No
44TWJR	Yes	Yes	Yes	No	7AM7GU	Yes	Yes	Yes	No
47CXGY	Yes	Yes	Yes	No	7BWXMP	Yes	Yes	Yes	No
48QH8N	Yes	Yes	Yes	No	7CBFRG	Yes	Yes	Yes	No
493A4B	Yes	Yes	Yes	No	7K8CDX	Yes	Yes	Yes	No
4B9VRB	Yes	Yes	Yes	No	7LJUUH	Yes	Yes	Yes	No
4FZ3AK	Yes	Yes	Yes	No	7Q9X9N	Yes	Yes	Yes	No
4KRE3V	Yes	Yes	Yes	No	7VKJ6R	Yes	Yes	Yes	No
4UX42Z	Yes	Yes	Yes	No	7VQQGZ	Yes	Yes	Yes	No
4YVM3X	Yes	Yes	Yes	No	7WJKCJ	Yes	Yes	Yes	No

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
7ZJXV3	Yes	Yes	Yes	No	ATQUHG	Yes	Yes	Yes	No
82UV4D	Yes	Yes	Yes	No	AXH4J3	Yes	Yes	Yes	No
87M2K2	Yes	Yes	Yes	No	AYR92W	Yes	Yes	Yes	No
8C96C4	Yes	Yes	Yes	No	B3BKET	Yes	Yes	Yes	No
8CQZVQ	Yes	Yes	Yes	No	B6ZRYP	Yes	Yes	Yes	No
8G2BQ7	Yes	Yes	Yes	No	B792RM	Yes	Yes	Yes	No
8MC68W	Yes	Yes	Yes	No	B9FG3Y	Yes	Yes	Yes	No
8RGZPB	Yes	Yes	Yes	No	B9TVL3	Yes	Yes	Yes	No
8RHXXL	Yes	Yes	Yes	No	BD9J7Y	Yes	Yes	Yes	No
8UAWD6	Yes	Yes	Yes	No	BGT78Y	Yes	Yes	Yes	No
8VZXEM	Yes	Yes	Yes	No	BJYN7V	Yes	Yes	Yes	No
8X7LRR	Yes	Yes	Yes	No	BVU347	Yes	Yes	Yes	No
8ZAHWT	Yes	Yes	Yes	No	BWNNWX	Yes	Yes	Yes	No
92PVMB	Yes	Yes	Yes	No	C2CR37	Yes	Yes	Yes	No
9CLZBG	Yes	Yes	Yes	No	C394ZU	Yes	Yes	Yes	No
9GDC4R	Yes	Yes	Yes	No	C4G63T	Yes	Yes	Yes	No
9KFD4P	Yes	Yes	Yes	No	C73ABQ	Yes	Yes	Yes	No
9P97MK	Yes	Yes	Yes	No	C8WW4G	Yes	Yes	Yes	No
9QLZ3K	Yes	Yes	Yes	No	CLH8HC	Yes	Yes	Yes	No
A2H8EV	Yes	Yes	Yes	No	CMCQQ6	Yes	Yes	Yes	No
A48E4Y	Yes	Yes	Yes	No	CN9BBJ	Yes	Yes	Yes	No
A4A7VE	Yes	Yes	Yes	No	CTXTPV	Yes	Yes	Yes	No
A6MTDT	Yes	Yes	Yes	No	CTZF4N	Yes	Yes	Yes	No
AAD4MR	Yes	Yes	Yes	No	CTZKEQ	Yes	Yes	Yes	No
AKXCAZ	Yes	Yes	Yes	No	CV7Y9B	Yes	Yes	Yes	No
AL3CVT	Yes	Yes	Yes	No	D4FNMA	Yes	Yes	Yes	No
ARW4C3	Yes	Yes	Yes	No	D99RAL	Yes	Yes	Yes	No

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
D9P4VX	Yes	Yes	Yes	No	EVGH7D	Yes	Yes	Yes	No
DAKNKH	Yes	Yes	Yes	No	EVHA2Z	Yes	Yes	Yes	No
DALETL	Yes	Yes	Yes	No	EZQXF2	Yes	Yes	Yes	No
DC7DWH	Yes	Yes	Yes	No	F2J7ZQ	Yes	Yes	Yes	No
DDLWKL	Yes	Yes	Yes	No	F2JX7L	Yes	Yes	Yes	No
DGGJGV	Yes	Yes	Yes	No	FH89XU	Yes	Yes	Yes	No
DHFLA7	Yes	Yes	Yes	No	FXKU36	Yes	Yes	Yes	No
DK39YM	Yes	Yes	Yes	No	FXY7YP	Yes	Yes	Yes	No
DLGP2T	Yes	Yes	Yes	No	G2GNRU	Yes	Yes	Yes	No
DPDEFE	Yes	Yes	Yes	No	G2V8HJ	Yes	Yes	Yes	No
DQAR6T	Yes	Yes	Yes	No	GACN7L	Yes	Yes	Yes	No
DTX7U3	Yes	Yes	Yes	No	GBLTKB	Yes	Yes	Yes	No
DWYAGJ	Yes	Yes	Yes	No	GDQG47	Yes	Yes	Yes	No
E2726M	Yes	Yes	Yes	No	GDRFYZ	Yes	Yes	Yes	No
E273AT	Yes	Yes	Yes	No	GF24YZ	Yes	Yes	Yes	No
E2M9DP	Yes	Yes	Yes	No	GFZB2R	Yes	Yes	Yes	No
E4AV4R	Yes	Yes	Yes	No	GHMZ8Q	Yes	Yes	Yes	No
E7Y9JP	Yes	Yes	Yes	No	GPMKAL	Yes	Yes	Yes	No
E8BXQ9	Yes	Yes	Yes	No	GVPJYP	Yes	Yes	Yes	No
E98E46	Yes	Yes	Yes	No	HCVZM4	Yes	Yes	Yes	No
EAHCGM	Yes	Yes	Yes	No	HEF8NC	Yes	Yes	Yes	No
ELE8TW	Yes	Yes	Yes	No	HF9ZHA	Yes	Yes	Yes	No
ELW7WL	Yes	Yes	Yes	No	HHY4C2	Yes	Yes	Yes	No
EN3UAQ	Yes	Yes	Yes	No	HQVU2J	Yes	Yes	Yes	No
EPT3BE	Yes	Yes	Yes	No	HQWUXC	Yes	Yes	Yes	No
EQJ9PK	Yes	Yes	Yes	No	HRQFQ4	Yes	Yes	Yes	No
EQPFZT	Yes	Yes	Yes	No	HTYMGV	Yes	Yes	Yes	No

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
J4XPUJ	Yes	Yes	Yes	No	LDTLLC	Yes	Yes	Yes	No
J9U9X4	Yes	Yes	Yes	No	LEPBDT	Yes	Yes	Yes	No
JC8BHD	Yes	Yes	Yes	No	LGZVY3	Yes	Yes	Yes	No
JHWNLM	No Interpretations Reported, DNA Analyzed for Database purposes only.				LH4R44	Yes	Yes	Yes	No
JHXNGG	Yes	Yes	Yes	No	LND43P	Yes	Yes	Yes	No
JKLZGL	Yes	Yes	Yes	No	LPBEZD	Yes	Yes	Yes	No
JQP7RH	Yes	Yes	Yes	No	LQ48VW	Yes	Yes	Yes	No
JX9AYK	Yes	Yes	Yes	No	LRVD3A	Yes	Yes	Yes	No
JXA6LX	Yes	Yes	Yes	No	LTM76K	Yes	Yes	Yes	No
JXP9CH	Yes	Yes	Yes	No	LVUMHH	Yes	Yes	Yes	No
K7F99M	Yes	Yes	Yes	No	M2FUJM	Yes	Yes	Yes	No
K8BU2D	Yes	Yes	Yes	Yes	M4NWHF	Yes	Yes	Yes	No
KAFD4F	Yes	Yes	Yes	No	M6DKJ8	Yes	Yes	Yes	No
KEBBCJ	Yes	Yes	Yes	No	M9ZZCN	Yes	Yes	Yes	No
KF6W6A	Yes	Yes	Yes	No	MBP46V	Yes	Yes	Yes	No
KGHQKB	Yes	Yes	Yes	No	MGT8VU	Yes	Yes	Yes	No
KHV3JF	Yes	Yes	Yes	No	MMY2RB	Yes	Yes	Yes	No
KJ8VF3	Yes	Yes	Yes	No	MNTMK2	Yes	Yes	Yes	No
KKDF43	Yes	Yes	Yes	No	MPJTZR	Yes	Yes	Yes	No
KM3TLL	Yes	Yes	Yes	No	MYC2PP	Yes	Yes	Yes	No
KT7XCJ	Yes	Yes	Yes	No	N3ME2W	Yes	Yes	Yes	No
KU6VT8	Yes	Yes	Yes	No	N6CXNF	Yes	Yes	Yes	No
KVZEYE	Yes	Yes	Yes	No	N6WJJQ	Yes	Yes	Yes	No
L3CYBP	Yes	Yes	Yes	No	N8MHWP	Yes	Yes	Yes	No
L7C7VM	Yes	Yes	Yes	No	NDM77G	Yes	Yes	Yes	No
L9HJNM	Yes	Yes	Yes	No	NDMD7M	Yes	Yes	Yes	No
LCHVG2	Yes	Yes	Yes	No	NJTVTF	Yes	Yes	Yes	No

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
NJVKVR	Yes	Yes	Yes	No	QU2F4M	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NK6HL3	Yes	Yes	Yes	No	QZCDTU	Yes	Yes	Yes	No
NQC4AZ	Yes	Yes	Yes	No	R47RXV	Yes	Yes	Yes	No
NQDWAT	No Interpretations Reported, DNA Analyzed for Database purposes only.				R48KTH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NY9WNL	Yes	Yes	Yes	No	RDTR8D	Yes	Yes	Yes	No
NYMA4H	Yes	Yes	Yes	No	RFKMEF	Yes	Yes	Yes	No
NYRPH4	Yes	Yes	Yes	No	RFYBAF	Yes	Yes	Yes	No
P6RLLZ	Yes	Yes	Yes	No	RGXFQA	Yes	Yes	Yes	No
PC7C67	Yes	Yes	Yes	No	RJ32HF	Yes	Yes	Yes	No
PKXUE9	Yes	Yes	Yes	No	RLA4Q7	Yes	Yes	Yes	No
PPYY9G	Yes	Yes	Yes	No	RPNY84	Yes	Yes	Yes	No
PV4PHE	Yes	Yes	Yes	No	RUY28D	Yes	Yes	Yes	No
Q6768J	Yes	Yes	Yes	No	RVVERK	Yes	Yes	Yes	No
Q8A62N	Yes	Yes	Yes	No	RVXZN2	Yes	Yes	Yes	No
Q8CU4Z	Yes	Yes	Yes	No	RWBKGB	Yes	Yes	Yes	No
Q93YW8	Yes	Yes	Yes	No	RX3PQA	Yes	Yes	Yes	No
Q97MYJ	Yes	Yes	Yes	No	RYB39B	Yes	Yes	Yes	No
Q9GRK6	Yes	Yes	Yes	No	T9X6AJ	Yes	Yes	Yes	No
Q9NGVM	Yes	Yes	Yes	No	TAQ9K7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QA2Y6K	No Interpretations Reported, DNA Analyzed for Database purposes only.				TBJ3LF	Yes	Yes	Yes	No
QECCHC	Yes	Yes	Yes	No	TBJ68E	Yes	Yes	Yes	No
QF67H2	Yes	Yes	Yes	No	TD8EJZ	Yes	Yes	Yes	No
QJLDZA	Yes	Yes	Yes	No	TGRJYB	Yes	Yes	Yes	No
QM6HFJ	Yes	Yes	Yes	No	TH3CPJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QNG3M9	Yes	Yes	Yes	No	TH9FPP	Yes	Yes	Yes	No
QTA4NM	Yes	Yes	Yes	No	TN8BZ9	Yes	Yes	Yes	No



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
TP4KBD	Yes	Yes	Yes	No	XBME9L	Yes	Yes	Yes	No
TTKP99	Yes	Yes	Yes	No	XC7Z7H	Yes	Yes	Yes	No
TV9EDL	Yes	Yes	Yes	No	XDCRMX	Yes	Yes	Yes	No
U8GLK7	Yes	Yes	Yes	No	XH8F9C	Yes	Yes	Yes	No
U9RB74	Yes	Yes	Yes	No	XNTCB2	Yes	Yes	Yes	No
U9U3XJ	Yes	Yes	Yes	No	XP8QMG	Yes	Yes	Yes	No
UBHMNA	Yes	Yes	Yes	No	XT4HQ8	Yes	Yes	Yes	No
UCT8XJ	Yes	Yes	Yes	No	XTPVFK	Yes	Yes	Yes	No
UGN9T7	Yes	Yes	Yes	No	XVX7A3	Yes	Yes	Yes	No
UXD4FV	Yes	Yes	Yes	No	Y2GV8H	Yes	Yes	Yes	No
UXE4BN	Yes	Yes	Yes	No	Y4N4F3	Yes	Yes	Yes	No
V69T8J	Yes	Yes	Yes	No	Y6V986	Yes	Yes	Yes	No
VA2NBC	Yes	Yes	Yes	No	YACQ9M	Yes	Yes	Yes	No
VET3R7	Yes	Yes	Yes	No	YKV6EA	Yes	Yes	Yes	No
VLUAD2	Yes	Yes	Yes	No	YL2RM9	Yes	Yes	Yes	No
VMRKBP	Yes	Yes	Yes	No	YMX7CL	Yes	Yes	Yes	No
VUCKQ2	Yes	Yes	Yes	No	YMZVGJ	Yes	Yes	Yes	No
VUR4BY	Yes	Yes	Yes	No	YVAZUA	Yes	Yes	Yes	No
VYGJY7	Yes	Yes	Yes	No	YW7HR6	Yes	Yes	Yes	No
W9NFLN	Yes	Yes	Yes	No	YXERGG	Yes	Yes	Yes	No
WERPLP	Yes	Yes	Yes	No	YZJKBE	Yes	Yes	Yes	No
WEUAH6	Yes	Yes	Yes	No	Z2EFF3	Yes	Yes	Yes	No
WJ8WAN	Yes	Yes	Yes	No	Z3QXV2	Yes	Yes	Yes	No
WRY9NQ	Yes	Yes	Yes	No	Z44MZZ	Yes	Yes	Yes	No
X3TBYX	Yes	Yes	Yes	No	Z4LHKM	Yes	Yes	Yes	No
X498TH	Yes	Yes	Yes	No	Z7PK4W	Yes	Yes	Yes	No
X6GPM8	Yes	Yes	Yes	No	ZCV8Z7	Yes	Yes	Yes	No

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
ZEHTQ9	Yes	Yes	Yes	No					
ZEZVJ3	Yes	Yes	Yes	No					
ZFBFN7	Yes	Yes	Yes	No					
ZHHVYH	Yes	Yes	Yes	No					
ZJF7UK	Yes	Yes	Yes	No					
ZMEE32	Yes	Yes	Yes	No					
ZN4WU2	Yes	Yes	Yes	No					
ZPGPN4	Yes	Yes	Yes	No					
ZQC3F3	Yes	Yes	Yes	No					
ZR2GVZ	Yes	Yes	Yes	No					
ZXCKQ9	Yes	Yes	Yes	No					

<b>DNA Interpretation</b>				
<b>Response Summary</b>	<b>Participants reporting DNA results: 329</b>			
<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 &amp; 4)?</i>				
	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	<b>321</b>	<b>321</b>	<b>321</b>	<b>1</b>
No	<b>0</b>	<b>0</b>	<b>0</b>	<b>320</b>
Inc	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
No Response	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Participants analyzing DNA for database purposes only: 8

# Additional Comments

TABLE 6

WebCode	Additional Comments
2MRDRJ	^ =peaks below Stochastic threshold
3JPWRU	Item 3sp SE33: -2 nt stutter possible (24). D1S1656: Possible elevated stutter (17)
3KX2BA	At D1S1656 in the profile obtained from Item 3sp, the 17 in the minor could be attributed to elevated stutter; same for the 10 in the minor at DYS391.
3XPTY	[-] Possible additional genetic information may be present. No additional peaks were detected; some data detected is below stochastic threshold. Comment: The data entry area for Global Filer could have the loci Y-indel and DYS391 added so that any results for those loci could be recorded for samples which are not amplified with a Y-STR kit.
47CXGY	Item 1, Item 2, Item 3 and Item 4 were extracted using organic @ Phenol/Chloroform method. Item 3 was extracted using Chelex method for differential extraction. Extracted DNA samples were amplified using Applied Biosystems AmpFLSTR Identifiler Plus (STR) and Yfiler (STR) kits. Separations and detection of amplified products were performed using Applied Biosystems 3130xL Genetic Analyzer and analysis was carried out by GeneMapper ID v3.2.1 software.
62HGLK	Item 2 and Item 3 are concordant at locus DYS391 in Yfiler and Power Plex Fusion. NR- No result
6EPKTZ	Screening tests completed by Forensic Biologist. NR = Tested but no results. Fusion 6C results concordant with Identifiler Plus & Yfiler loci that overlap.
6HZKYY	PSA testing was done to determine whether Items 3 and 4 should be extracted. Differential or Non-Differential, Item 3 was PSA positive and Item 4 was PSA negative. * Inconclusive for the presence of additional allele(s)
6RP7A4	Saliva test is generally not done unless specifically requested by law enforcement officers. The profile for Item 3 (spermic fraction) is an overall single source profile with the exception of an extra allele 17 at D1S1656 at a stutter position. The allele exceeded our laboratory's stutter threshold by 2.69% and is most likely a high stutter.
7386LQ	NT = Not Tested. NR = No Result. Item 1 was not tested with a YSTR kit.
784PPB	In the epithelial fraction of Item 3, it appears that alleles 29 is D21S11 and 15 in Penta E are being filtered out as stutter, but are called in the sperm fraction. Profile can be evaluated as a mixture at all loci except D21S11, D18S51, and Penta E.
7BWXMP	1- The genetic profile for item one refers to single female (Victim). 2- The genetic profile of item two refers to single male (Suspect). 3- Item (3) was tested positive for blood and semen. Differential extraction was carried out and found that the blood was the victim's blood and the semen was for the suspect. 4- Item (4) which was a questioned stain on the suspect's shirt tested positive for blood which was the victim's blood. 5- Additional Y-STR testing was carried out to confirm the results.
7CBFRG	Due to ongoing inhibition issues with CTS samples, swabs were used to collect portions of the stains for DNA analysis. Therefore, a number one was added to items 3 (as 3-1) and 4 (as 4-1) for processing and reporting of the samples.
7K8CDX	The nuclear STR results for Item 3 EC were reported as a composite of the Identifiler Plus results and MiniFiler results. At D7S820 the 12 allele was only detected in the MiniFiler results. All other samples were concordant between Identifiler Plus and MiniFiler. [From Table 2 - Amplification Kit(s) & STR Results, Items 1 - 4: "NR = No Result, NT = Not Tested"].

TABLE 6

WebCode	Additional Comments
7LJUUH	1)Item1 and Item2 were extracted using the in-situ extraction method. 2)Item3 was extracted using the Chelex method and Item4 was extracted using DNA IQ method. 3)Quantification was carried out for Item3 and Item4 using the Quantifiler Human DNA Quantification kit. 4)Y-STR was carried out for Item2 and Item3 using the AmpFiSTR Y-Filer kit. 5)Item1 and Item2 were amplified using Identifiler Direct STR kit. 6)Item3 and Item4 were amplified using Identifiler Plus STR kit. 7)Electrophoresis was carried out using 3130xl Genetic Analyzer. 8)Reagent Blank, Positive Contrl and Negative Control were also incorporated throughout the analysis.
7Q9X9N	The GlobalFiler Express loci provided for item 1 failed to produce input boxes for the Y Indel and DYS391 loci that are also part of this kit. The results for these loci were therefore recorded at the additional loci section of the form.
7VKJ6R	Y dropout detected at Amelogenin for the DNA profile (the DNA profile used for interpretation) obtained for item 3.
7ZJXV3	Items 3 and 4 were not screened for the presence of saliva as the saliva test is not routinely conducted unless specifically requested for by the client. For Item 3 spermic fraction, the overall profile is consistent with being from a single contributor with the exception of D1S1656 where an extra allele 17 was observed. The allele exceeded our stutter threshold by 3% (on average across the duplicate amplifications) and most likely is an elevated stutter.
87M2K2	Test for saliva conducted only when specifically requested for by client. Item 2 at FGA locus - Allele 17 with peak height of 270 rfu observed. Allele 21 is at 13800 rfu. Single source profile with extra low level peak.
8MC68W	Complete separation of 3NS was not obtained. Probabilistic genotyping (STRmix) was used and gave 8% (suspect) and 92% (victim) contributor ratios for this sample.
8RGZPB	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzers with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
A4A7VE	1. Item 1 and Item 2 were extracted by using Direct method. 2. Item 3 was extracted by using Chelex method and Item 4 was extracted by using DNA IQ. 3. Quantification was carried out by using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified by using Identifiler Direct STR kit. 5. Item 3 and Item 4 were amplified by using Identifiler Plus STR-kit. 6. Y-str was carried out for Item 2 and Item 3 by using the AmpFiSTR Y-Filer Kit. 7. Electrophoresis was carried out by using 3130xl Genetic Analyzer. 8. Reagent blankk, Positive control, Negative Control were also incorporated throughout the analysis.
AYR92W	EF = epithelial fraction, SF = sperm fraction
B9FG3Y	NT = Not tested
BVU347	Item 1 and Item 2 were both amplified with PowerPlex Fusion 6c. As expected, no Y-STR markers were obtained for Item 1 due to the profile being female. Both sample table results were sorted for PowerPlex Fusion; however, the last three loci (FGA, D22S1045, and SE33) are out of order.
CLH8HC	For Item 3, the results for locus DYS391 were concordant between the two kits used, PowerPlex Fusion and Yfiler. LCN Yfiler testing was performed on Item 3. Results were concordant at all overlapping loci.
CTZKEQ	Item 3 and Item 4 were extracted using Chelex.

TABLE 6

WebCode	Additional Comments
CV7Y9B	INC allele at D1S1656 is possible stutter allele. Amplification product was diluted due to peak heights over 11,000 RFU.
DPDEFE	Item 3 - Victim identified in the epithelial fraction only. Suspect identified in the sperm fraction and as the minor in the epithelial fraction.
E2M9DP	Sexual assault cases are screened in the Forensic Biology unit prior to being processed in the DNA unit.
E7Y9JP	PSA testing was done to determine whether Items 3 and 4 should be extracted. Differential or Non-Differential, Item 3 was PSA positive and Item 4 was PSA negative.
E98E46	^ - Indicates peaks below stochastic threshold as per [Laboratory] policy
EAHCGM	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.
EN3UAQ	Sexual assault cases are screened in the Forensic Biology Unit prior to being processed in the DNA Unit.
FXKU36	DYS391 (Item 2) consistent results obtained between YFiler Plus and Globalfiler. Y Indel result for Item 2 (in Y STR section) obtained from GlobalFiler. Identifiler and MiniFiler results concordant. A mixed DNA profile was obtained from the epi fraction of Item 3- this mixture could be explained by a mix of DNA from the complainant (Item 1) and the suspect (Item 2).
FYDNXN	Analyst is only qualified in blood serology, therefore only Kastle-Meyer and ABACard HemaTrace tests were conducted. No analysis was conducted on items 1 and 2 because they are known sources, therefore no serology was required.
G2GNRU	For Item 3, all alleles not belonging to the victim (Item 1), are consistent with carry over from the sperm fraction, including the DYS391 11 allele reported in the YSTR amplification section for Item 3 e (epithelial).
GDRFYZ	^ =Peaks seen below stochastic threshold as per [laboratory] policy.
GF24YZ	The YSTR profile from Item 2 and Item 3 has a OL peak in the G DYS458 loci. The OL was determined in our lab to be a 18.2 allele and reported as such in the YSTR results for both Items.
GFZB2R	The Laboratory does not routinely test for saliva in sexual assault cases. For Item 3 spermic fraction, the overall profile is a single source. At D1S1656, there is an extra allele 17 at stutter position, which exceeded our Laboratory's stutter threshold for D1S1656 by 2.0%. It is most likely an elevated stutter.
HHY4C2	^ indicates peaks below stochastic threshold as per [Laboratory] policy
HQWUXC	NR = No result
HRQFQ4	Results were consistent across kits. Minor alleles corresponding with the suspect's DNA profile were obtained in item 3 epithelial fraction. No results were obtained from Item 1 at DYS391 or for the Y InDel.
JHWNLM	Concordant results between Identifiler Plus and Fusion 6c at all overlapping loci. Benchwork done by lab technician, analysis done by analyst.
JHXNGG	Item 2 and Item 3-Sp had an inconclusive 17 allele at D1S1656. This allele was deemed inconclusive due the possibility of being n-1 repeat stutter or a possible tri-allele.
JKLZGL	The Identifiler Plus STR data reported on pages 5 and 6 [Table 2, Items 3 and 4] are based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, the STRmix results for the non-sperm fraction of item 3 included a peak that would have been filtered under a conventional analysis paradigm. This includes D21S11 (29 allele). Such results are expected to enhance the ability of the analyst to make accurate inclusionary or exclusionary statements. One hundred percent genotype probability was assigned to all loci reported for item 3 (sperm and non-sperm fractions) and item 4. [From Table 2 - Amplification Kit(s) & STR Results, Items 1 and 4: "NR = No results"].

## TABLE 6

WebCode	Additional Comments
K8BU2D	Item 4 showed a single source ID+ profile that is the same as Item 1. However, the YFiler profile displays a mixture of 2 males, one unknown and one belongs to Item 2. This result is consistent both times it was extracted from two different portions of the stain. Dropouts occurred at two loci.
KAFD4F	For Item 3-SP, there was a 17 allele called that I labeled as an INC allele due to the fact that it is in a stutter position but well above the stutter filter.
KJ8VF3	1. Item 1 and Item 2 were extracted using Direct method. 2. Item 3 was extracted using Chelex method and Item 4 was extracted using DNA IQ. 3. Quantification was carried out using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR-kit. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 6. Y-str was carried out for Item 2 and Item 3 using the AmpFiSTR Y-Filer kit. 7. Electrophoresis was carried out using 3130xl Genetic Analyzer. 8. Reagent blank, Positive Control, Negative Control were also incorporated throughout the analysis.
KM3TLL	* Indicates that additional alleles may be present. INC Indicates that alleles may be present
LDTLLC	[From Table 3-Amplification Kit(s) & YSTR Results, Item 1: "NR=No Results" and "DYS391 and Y Indel -> GlobalFiler Kit"; Items 3e & 3sp: "DYS391 -> "GlobalFiler and Yfiler Plus Kits" and "Y Indel -> GlobalFiler Kit"; Item 4: "DYS391 and Y Indel -> GlobalFiler Kit"]
LGZVY3	NOTE: Data reported for sample "3 sp" was derived from the substrate fraction from item 3.
LH4R44	Single tail-less sperm cell identified in serological examination of item #4. Sperm was not identified in this same sample during differential slide examination.
LL8QCB	Only the Screening portion of this test is submitted for this individual.
M9ZZCN	n/t = not tested
N3ME2W	Item 2 PowerPlexY23 amplification: an additional low level peak (18 allele) was observed at DYS385. This was not recorded in the results for this item as it is assumed to be an artefact or contamination.
N6CXNF	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.
N8MHWP	In Item 3, e fraction: Possible elevated N-4 stutter at FGA (allele 20). In Item 3, sp fraction: Possible minus 2nt stutter commonly observed at SE33 locus (alleles 13.2 and 24). Possible elevated N-4 stutter at D1S1656 (allele 17).
NJTVTF	Sexual assault cases are screened in the Forensic Biology section prior to transfer to DNA. The DNA analyst assigned to this test performed KM testing and a qualified Forensic Biologist performed all other screening tests.
NQC4AZ	1. Item 1 and Item 2 were extracted using Direct method. 2. Item 3 were extracted using Chelex method and Item 4 was extracted using DNA IQ method. 3. Quantification was carried out using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR-kit. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 6. Y-str was carried out for Item 2 and Item 3 using the AMPFiSTR Y-Filer kit. 7. Electrophoresis was carried out using 3130xL Genetic Analyzer. 8. Reagent blank, Positive Control, Negative Control were also incorporated throughout the analysis.
NQDWAT	Examiner is not competent to perform differential extractions, so Item 3 was not extracted. Examiner is also not competent in analysis, so no comparisons were performed, only profiles are reported.
Q8A62N	MiniFiler results were consistent with Identifiler Plus results.
Q97MYJ	Item 3 and 4: Test for saliva not routinely conducted for samples unless specifically requested for by the client. Item 3 (spermic fraction) was found to be a single sources profile with a trace peak observed at allele 17 of D1S1656. The trace peak was found in the stutter position and had a ratio of 12.8% to the parent peak. This was higher than the lab's stutter ratio of 12.21% for D1S1656. The peak is noted and is likely an elevated stutter.

## TABLE 6

WebCode	Additional Comments
RUY28D	Item 4: Should have been optimally tested (for both blood & semen) from onset. However, suspect (Item 2) linked to scene (cab) on Item 3 - for normal interpretation purposes Item 3 & Item 4 have the same evidential value. Linking both Item 1 and Item 2 to scene (Item 3). Item 3 -> blood stain submission -> (page 6 of 9) abbreviated as "bs" [e]. Item 3 -> bs submission in duplicate -> included results (page 6 of 9) FPMX that would have been used for reporting purposes (smaller mixture = better stats).
RWBKGB	-- = Possible additional genetic information may be present no additional peaks were detected, detected data is below the stochastic threshold
TGRJYB	All screening tests for body fluids on items #3 and #4 performed by analyst from the Forensic Biology Unit. KM testing on items #1 and #2 performed by DNA analyst for proficiency. NR = No Result.
U9RB74	A PSA test was performed to determine whether items 3.0 and 4.0 should be sent forward as differential or non-differential sample. Item 3.0 had a positive PSA result and was sent forward as a differential sample. Item 4.0 had a negative PSA result and was sent forward as a non-differential sample.
UHX9VR	Test is for body fluid identification only
VLUAD2	Item 1 (VICTIM) is female DNA and had no results for Y-Indel or DYS391 using the GlobalFiler Express typing system.
YVGJY7	Inconclusive allele detected in Item 3 SP at D1, likely stutter. No other indication of another contributor, remaining alleles detected consistent with carryover from EP fraction.
WEUAH6	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.
WJ8WAN	PowerPlex Fusion and Yfiler were performed on all samples. Results were concordant at DYS391 for all samples that produced a Y-Filer profile (Item 2 and Item 3). All "NR" designations for the YSTR loci of Item 1 and Item 4 demonstrates that there are no results. Item 1 and Item 4 did not produce Y-Filer STR profiles because the Amelogenin gender determining marker produced in the PowerPlex Fusion profiles show that Items 1 and 4 are female (X,X).
WRY9NQ	NR in Y-loci for Items 1 and 4 is short for No Results.
XP8QMG	2nd contributor in mixture for e fraction of item 3 appears to have drop-out
XQVC67	This proficiency is for Serological Testing only
XTPVFK	^ used to indicate alleles below stochastic threshold
Y4N4F3	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.
Y6V986	Items 1 and 4 were also amplified using the YFiler STR amplification kit with negative results. These results are consistent with the female Identifiler Plus results obtained for these samples.
Z2EFF3	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
Z3QXV2	For Fusion 6C Y loci noted under "Part II (continued): DNA Analysis - Additional DNA", the designation "NR" means no types were detected at the locus.
Z44MZZ	Item 3e: 14 peak removed with stutter filter for D8S1179
Z4LHKM	Upon comparisons it was discovered that at D8 of the e fraction of 1.3, the 14 allele that corresponds to the 14 allele in the suspect reference standard had been filtered out as stutter. For this reason, the 14 allele is not included in the DNA Results for the e fraction of 1.3 at D8.
ZEHTQ9	Samples are not routinely tested for saliva unless requested by law enforcement officers. For Item 3 spermic fraction, the overall profile is a single source profile with the exception of locus D1S1656, which has an extra allele 17 at a stutter position. The allele exceeded our back stutter threshold for D1S1656 by approximately 3.1% and is a possible high stutter.

TABLE 6

WebCode	Additional Comments
ZEHTQ9	Samples are not routinely tested for saliva unless requested by law enforcement officers. For Item 3 spermic fraction, the overall profile is a single source profile with the exception of locus D1S1656, which has an extra allele 17 at a stutter position. The allele exceeded our back stutter threshold for D1S1656 by approximately 3.1% and is a possible high stutter.
ZHHVYH	Item 1 was tested using Fusion 6C, however no Y-STR results are reported due to being female. The last three autosomal STR markers were incorrectly ordered for the Fusion 6C kit.
ZMEE32	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.
ZXCKQ9	I don't know if it was intentional, but thanks for making the amplification of a sample with an off-ladder allele redundant within the test. This saves a lot of time and effort in confirming the variant.



# Appendix: Data Sheet

Collaborative Testing Services - Forensic Testing Program

## **Test No. 16-576: Forensic Biology**

DATA MUST BE RECEIVED BY December 19, 2016 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### **Accreditation Release Statement**

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB, ANAB or A2LA.

#### Scenario:

Police are investigating the robbery and sexual assault of a female victim. According to the statements made by the victim, she was riding in a cab when the driver pulled over and demanded her purse. The victim tried to flee the vehicle but the driver overpowered her, and sexually assaulted the victim. In the ensuing struggle, the victim cut her hand on the assailants' watchband and recalled pressing her cut hand into the drivers face and chest during the assault. The driver then forced the victim out of the cab, and drove off. Based on the cab number reported by the victim, a suspect has been identified and apprehended. A search of the cab revealed a red stain on the rear passenger seat of the vehicle and a red stain on the front of a shirt recovered from the front passenger floor. Investigators are now submitting the following evidence for analysis; stain from the rear passenger seat (Item 3) and the stain from the shirt (Item 4). Also submitted are blood samples from the female victim and male suspect.

#### Items Submitted (Sample Pack B6):

- Item 1: Known blood from the female victim
- Item 2: Known blood from the male suspect
- Item 3: Questioned stain from rear passenger seat (Heather Grey material)
- Item 4: Questioned stain from the shirt (Red Checkered material)

**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
Please indicate the Test(s) Performed on the corresponding line for each type of screening.	Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
	Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
	Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

		Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
<b>Item 3</b>	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
<b>Item 4</b>	Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Please return all pages of this data sheet.**

**Part II: DNA ANALYSIS**

**DNA Analysis Instructions:**

Use the instructions below to complete the following DNA Analysis sections of this data sheet.

- \* Report alleles in numerical order, separated by a comma.
- \* Follow your laboratory policy for reporting homozygotes.
- \* If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].
- \* Stains with more than one contributor: If a differential extraction is performed, split the box with a horizontal line and report the results of the different fractions above and below the line - indicate which is the sperm fraction (sp) and which is the epithelial fraction (e) (Example A); otherwise, list the alleles in numerical order (Example B).

<b>Example</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820	
<b>A</b>	e	10,11	15,16	8	12,13	7	8
	sp	12,13	15,17	8,17	11	14,15	11,13
<b>B</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.

	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>	<b>Item 4</b>
_____	<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.**

Page 3 of 9

**Part II (continued): DNA Results for Known Item 1**

**STR Amplification Kit(s) Used For Item 1:** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e.16, Direct, etc.).

COfiler®/Profiler Plus® \_\_\_\_\_  PowerPlex® \_\_\_\_\_

Identifiler® \_\_\_\_\_ Other \_\_\_\_\_

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

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

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

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

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

Yfiler® \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_

Other \_\_\_\_\_

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

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

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

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

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

COfiler®/Profiler Plus® \_\_\_\_\_  PowerPlex® \_\_\_\_\_

Identifiler® \_\_\_\_\_ Other \_\_\_\_\_

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

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

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

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

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

Yfiler® \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_

Other \_\_\_\_\_

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Part II (continued): DNA Results for Questioned Item 3**

**STR Amplification Kit(s) Used For Item 3:** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e.16, Direct, etc.).

COfiler®/Profiler Plus® \_\_\_\_\_  PowerPlex® \_\_\_\_\_

Identifiler® \_\_\_\_\_ Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**YSTR Amplification Kit(s) Used For Item 3:** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e.Plus, 23, etc.).

Yfiler® \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_

Other \_\_\_\_\_

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

**Please return all pages of this data sheet.**

**Part II (continued): DNA Results for Questioned Item 4**

**STR Amplification Kit(s) Used For Item 4:** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e.16, Direct, etc.).

COfiler®/Profiler Plus® \_\_\_\_\_  PowerPlex® \_\_\_\_\_

Identifiler® \_\_\_\_\_ Other \_\_\_\_\_

<b>ITEM</b>	<b>D1S1656</b>	<b>D2S1338</b>	<b>D2S441</b>	<b>D3S1358</b>	<b>D5S818</b>	<b>D7S820</b>
<b>4</b>						

<b>ITEM</b>	<b>D8S1179</b>	<b>D10S1248</b>	<b>D12S391</b>	<b>D13S317</b>	<b>D16S539</b>	<b>D18S51</b>
<b>4</b>						

<b>ITEM</b>	<b>D19S433</b>	<b>D21S11</b>	<b>D22S1045</b>	<b>Amelogenin</b>	<b>CSF1PO</b>	<b>FGA</b>
<b>4</b>						

<b>ITEM</b>	<b>Penta D</b>	<b>Penta E</b>	<b>SE33</b>	<b>TH01</b>	<b>TPOX</b>	<b>vWA</b>
<b>4</b>						

**YSTR Amplification Kit(s) Used For Item 4:** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e.Plus, 23, etc.).

Yfiler® \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_

Other \_\_\_\_\_

<b>ITEM</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>
<b>4</b>								

<b>ITEM</b>	<b>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS481</b>	<b>DYS533</b>
<b>4</b>								

<b>ITEM</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS635</b>	<b>DYS643</b>	<b>Y GATA H4</b>	<b>Y Indel</b>
<b>4</b>							

**Please return all pages of this data sheet.**

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**Part III: DNA INTERPRETATION**

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

<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>			
	<b>Item 3</b>	<b>Item 4</b>		<b>Item 3</b>	<b>Item 4</b>
<b>Yes</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>No</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>No</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Inconclusive</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Inconclusive</b>	<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.*

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<b>Return Instructions:</b> Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>December 19, 2016</i> to be included in the report. Emailed data sheets are not accepted.		ONLINE DATA ENTRY: <a href="http://www.cts-portal.com">www.cts-portal.com</a>
QUESTIONS?	TEL: +1-571-434-1925 (8 am - 4:30 pm EST)	FAX: +1-571-434-1937
EMAIL: <a href="mailto:forensics@cts-interlab.com">forensics@cts-interlab.com</a> <a href="http://www.ctsforensics.com">www.ctsforensics.com</a>	MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA	

**Please return all pages of this data sheet.**



Collaborative Testing Services ~ Forensic Testing Program

**RELEASE OF DATA TO ACCREDITATION BODIES**

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **16-576: Forensic Biology**

This release page must be completed and received by **December 19, 2016** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

**Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory**

**ASCLD/LAB** Certificate No. \_\_\_\_\_

**ANAB** Certificate No. \_\_\_\_\_

**A2LA** Certificate No. \_\_\_\_\_

**Step 2: Complete the Laboratory Identifying Information in its entirety**

Signature and Title \_\_\_\_\_

Laboratory Name \_\_\_\_\_

Location (City/State) \_\_\_\_\_

**Accreditation Release**

**Return Instructions**

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

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

**Please return all pages of this data sheet.**

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